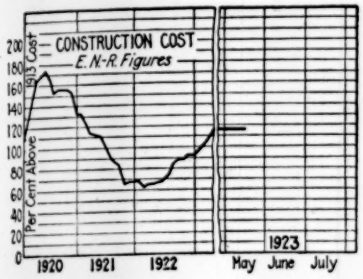
CONSTRUCTION NEWS

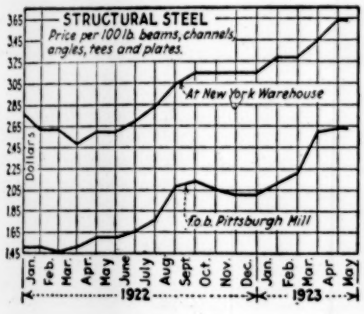
The Construction Barometer

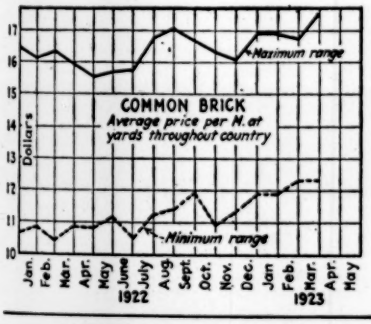
Cost Unchanged — Contracts Hold Up — Price Ranges Given

BASE price of steel has stood at $2.50 per 100 lb. since Apr. 12, but the price on small tonnages has fallen off 10c. in the last two weeks. Brick prices are firm and the situation is satisfactory except for shortages in Chicago and Philadelphia, and the strike in the New York district. Lumber and cement unchanged.

Although the value of contracts let in the first three weeks of May is $14,500,000 less than in the last three weeks of April, public work is $10,000,000 heavier. The last week of April was the heavies ton record. Week of May 17 gained perceptibly over May 10.







VALUE OF LARGE CONTRACTS LET IN THE UNITED STATES

Week Ending	Public Work	Private Work	Total Contracts
May 3	$30,970,000	$18,629,000	$49,599,000
May 10	14,414,000	24,211,000	38,625,000
May 17	21,510,000	17,893,000	39,403,000
3 weeks	$66,894,000	$60,733,000	$127,627,000

LARGE BUILDING CONTRACTS— NUMBER AND VALUE

Week Ending	Public No.	Public Work	Private No.	Private Work
May 3	19	$6,626,000	41	10,566,000
May 10	9	2,059,000	36	20,276,000
May 17	17	6,395,000	36	10,765,000
3 weeks	45	$15,080,000	113	$41,607,000

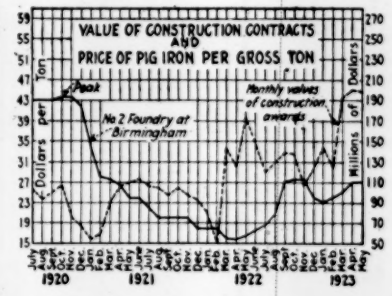
NUMBER OF LARGE JOBS NOW OUT FOR BID

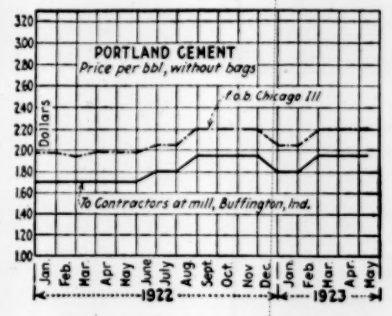
Week Ending	Private	Public All	Public Streets and Roads	Public Water-Works and Sewers	Public All Buildings
May 3	29	230	75	39	43
May 10	45	205	65	48	46
May 17	43	213	82	49	44

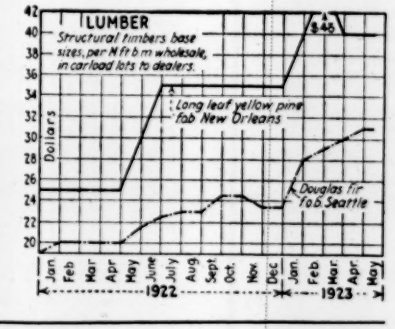
BASE PRICES REMAIN FIRM

	Quoted on May 24, at	Price Was	On
Structurals, Pittsburgh, 100 lb.	$2.50 @$2.60	$2.50 @$2.65	May 17
Cement, Chicago, net bbl.	2.20	2.05	Feb. 1
Pine, N. Y., M.ft.	60.00	58.00	Apr. 5
Fir, San Francisco, M.ft.	41.00	39.00	Apr. 5
Common labor, hr.	0.51	0.50	Apr. 5

PRODUCTION—Steel ingot output at annual rate of about 50,000,000 tons; this rate maintained during last three weeks. Over 256,000,000 ft. of lumber cut during week ending May 12. Nat. Lumber Trade Barometer shows output 2½ per cent above normal; shipments 105 per cent and orders 94 per cent of normal production. Yard strikes threaten to cut off brick supply in New York district.







PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
May 25	New York, N. Y.	May 17
May 25	Brooklyn, N. Y.	May 17
May 25	Long Island City, N. Y.	May 17
May 28	Bismarck, N. D.	May 10
May 29	Horton, Kan.	May 10
May 29	Homestead, Pa.	May 17
May 29	Claremont, N. H. Adv. May 17 and 24.	May 17
May 29	Belmar, N. J.	May 17
May 29	Watertown, S. D.	May 17
May 29	Davidson, N. C.	May 24
May 31	Grand Forks, N. D.	May 17
May 31	Easton, Md. Adv. May 10 to 24.	May 10
May 31	Baltimore, Md.	May 24
June 1	Hammond, Ind.	May 17
June 1	Oskaloosa, Ia.	May 24
June 1	Reeseville, Wis.	May 24
June 4	Talladega, Ala.	May 10
June 4	Wash., D. C. Adv. May 24.	May 24
June 4	Buffalo, N. Y.	May 24
June 5	Stewart, Minn.	May 24

SEWERS

May 26	Brooklyn Heights (Independence P. O.), O.	May 17
May 28	East Orange, N. J.	May 24
May 29	Maplewood (St. Louis P. O.), Mo.	May 24
May 29	Wash., D. C.	May 10
May 29	Portage, Pa.	May 24
May 29	Chicago, Ill.	May 24
May 31	Akron, O.	May 24
May 31	Cashton, Wis.	May 24
May 31	Easton, Md. Adv. May 10 to 24.	May 10
May 31	New York Mills, N. Y.	May 17
May 31	Akron, O. Adv. May 17 and 24.	May 17
June 1	Hartford, S. D.	May 17
June 2	Columbus, O. Adv. May 24.	May 24
June 4	Whittier, Calif.	May 24
June 4	Kansas City, Mo.	May 17
June 4	Hackensack, N. J. Adv. May 17 and 24.	May 17
June 5	Hightstown, N. J.	May 17
June 5	Long Branch, N. J. Adv. May 24.	May 24
June 5	Hartford, S. D.	May 24
June 6	Waterloo, N. Y.	May 24
June 7	Marion, O. Adv. May 24.	May 24
June 7	Poughkeepsie, N. Y. Adv. May 24.	May 24

Bids Close		See Eng. News-Record

BRIDGES

May 28	Norwich, N. Y.	May 17
	Adv. May 17 and 24.	
May 28	California	May 17
May 28	Ontario	May 24
May 31	Cincinnati, O.	May 24
May 31	Madison, Wis.	May 24
June 5	Grand Haven, Mich.	May 10
June 5	St. Louis, Mo.	May 10
	Adv. May 17 and 24.	
June 5	Fine, N. Y.	May 24
	Adv. May 24.	
June 5	Muncy, Pa.	May 24
June 6	Toronto, Ont.	May 24
June 8	Birmingham, Ala.	May 24
July 31	La Center, Wash.	May 3
Nov. 30	Sydney, Australia	Apr. 19

RAILWAYS

May 29	New Jersey	May 24
	Adv. May 24.	

EXCAVATION, DRAINAGE, IRRIGATION

May 28	Orangeville, Ont.	May 24
May 31	New Jersey	May 17
May 31	Ordway, Colo.	May 24
June 5	Rolling Fork, Miss.	May 10
June 5	Toms River, N. J.	May 24
June 5	Sidney, Ia.	May 24
June 12	Albert Lea, Minn.	May 24
June 15	Albert Lea, Minn.	Apr. 12

STREETS AND ROADS

May 25	New Hampshire	May 24
May 26	La Porte, Ind.	May 24
May 26	Edwardsville, Ill.	May 24
May 28	Dallas, Tex.	May 17
May 28	Rockwood, Pa.	May 17
May 28	St. Paul, Minn.	May 17
May 28	Akron, O.	May 3
May 28	Kansas City, Kan.	May 10
May 28	Los Angeles, Calif.	May 17
May 28	East Orange, N. J.	May 24
May 28	Sandwich, Ont.	May 24
May 28	Flint, Mich.	May 24
May 29	Flint, Mich.	May 24
May 29	Columbus, O.	May 24
May 29	Massachusetts	May 24
May 29	Louisiana	May 10
May 29	Kentucky	May 10
May 29	St. Louis, Mo.	May 3
May 29	Maryland	May 17
	Adv. May 17 and 24.	
May 29	Florida	May 17
May 29	Osage, Ia.	May 24
May 29	Rockwell City, Ia.	May 24
May 29	Sioux City, Ia.	May 24
May 29	Wisconsin	May 24
May 29	Sharon, Pa.	May 24
May 29	South Milwaukee, Wis.	May 24
May 29	Paris, Tex.	May 24
May 29	East Aurora, N. Y.	May 24
May 29	Oklahoma City, Okla.	May 24
May 31	Maine	May 24
May 31	Columbus, O.	May 24
May 31	Spartanburg, S. C.	May 24
May 31	Eldora, Ia.	May 24
May 31	Pittsfield, Mass.	May 24
	Adv. May 24.	
May 31	Portland, Ind.	May 24
May 31	Cleveland, O.	May 24
May 31	Newark, N. J.	May 24
May 31	Wisconsin	May 24
May 31	Ft. Worth, Tex.	May 24
May 31	Glenrose, Tex.	May 24
May 31	British Columbia	May 24
May 31	Sycamore, Ill.	May 24
May 31	San Antonio, Tex.	May 24
June 1	Jeffersonville, Ind.	May 24
June 1	Laurens, S. C.	May 24
June 1	Paducah, Ky.	May 17
	Adv. May 17 and 24.	
June 1	Fessenden, N. D.	May 24
June 1	Shenandoah, Pa.	May 24
	Adv. May 24.	
June 1	Whitesboro, N. Y.	May 24
June 1	De Kalb, Ill.	May 24
June 1	Albia, Ia.	May 24
June 1	Lake City, Ia.	May 24
June 1	Red Bank, N. J.	May 17
	Adv. May 17 and 24.	
June 4	New Jersey	May 17
	Adv. May 17 and 24.	
June 4	Ely, Minn.	May 17
June 4	Newburgh, N. Y.	May 24
	Adv. May 24.	
June 4	Waterloo, Ia.	May 24
	Adv. May 24.	
June 4	Babylon, N. Y.	May 24
	Adv. May 24.	
June 4	Red Bank, N. J.	May 24
	Adv. May 24.	
June 4	St. Paul, Minn.	May 24
June 4	California	May 24
June 4	Richmond, Va.	May 24
June 5	Rockville, Ind.	May 24
June 5	Bellaire, O.	May 17
June 5	Alabama	May 24
June 5	Rockport, Ind.	May 24
June 5	Louisiana	May 24
June 5	Boonville, Ind.	May 24
June 5	San Rafael, Calif.	May 24
June 6	Abilene, Tex.	May 17
June 6	Rhode Island	May 24
	Adv. May 24.	
June 6	Delaware	May 24
	Adv. May 24.	
June 7	Shelbyville, Ky.	May 17
June 7	Boonville, Ind.	May 24
June 7	Evansville, Ind.	May 24
June 7	Liberty, Ind.	May 24
June 7	Rushville, Ind.	May 24
June 7	Pennsylvania	May 24
	Adv. May 24.	
June 7	Virginia	May 24
	Adv. May 24.	
June 8	Bradentown, Fla.	May 17
June 8	Pennsylvania	May 24
	Adv. May 24.	
June 8	La Crosse, Wis.	May 24
June 11	Los Angeles, Calif.	May 24
June 12	West Virginia	May 24
	Adv. May 24.	
June 12	Pottsville, Pa.	May 24
	Adv. May 24.	
June 12	University (St. Louis P. O.), Mo.	May 24
June 12	Washington	May 24
June 15	East Cleveland (Cleveland P. O.), O.	May 24
	Adv. May 24.	

INDUSTRIAL WORK

June 12	Lecompte, La.	May 24

BUILDINGS

May 26	Lakewood, N. Y.	May 10
May 26	Lorain, O.	May 24
May 28	Hamburg, N. Y.	May 10
May 28	Cleveland, O.	May 3
May 28	Byesville, O.	May 3
May 28	Keokuk, Ia.	May 24
May 29	Stockton, Calif.	May 3
May 29	Greensburg, Pa.	May 24
May 29	Meriden, Conn.	May 24
May 29	Brooklyn, N. Y.	May 24
May 31	Saulte Ste. Marie, Mich.	May 24
May 31	Wichita, Kan.	May 24
June 1	West Hartford (Hartford P. O.), Conn.	May 17
June 1	Morgantown, W. Va.	Apr. 12
June 1	Tulsa, Okla.	May 17
June 1	Norman, Okla.	May 17
June 1	Cleveland, O.	May 17
June 1	Haworth, N. J.	May 17
	Adv. May 17 and 24.	
June 1	Detroit, Mich.	May 24
June 1	Wierton, W. Va.	May 24
June 4	Kansas City, Mo.	May 10
June 4	El Centro, Calif.	May 10
June 4	New York, N. Y.	May 24
	Adv. May 24.	
June 4	Valley Junction, Ia.	May 24
June 5	Mount Morris, N. Y.	May 17
	Adv. May 17 and 24.	
June 7	La Crosse, Wis.	May 24
June 8	Olympia, Wash.	May 24
June 8	Bowling Green, Mo.	May 24
June 12	Denver, Colo.	May 24
June 15	Clearwater, Fla.	May 24
June 21	Newark, N. J.	May 24
July 1	Athens, O.	May 24

FEDERAL GOVERNMENT WORK

May 28	Post Office—Saco, Me.	May 10
May 28	Pumps—Wash., D. C.	May 24
May 29	Levee Work—Vicksburg, Miss.	May 17
	Adv. May 17 and 24.	
May 31	Dredging—Milwaukee, Wis.	May 3
	Adv. May 3 to 24.	
May 31	Hospital—Rutland, Mass.	May 3
May 31	Dredging — Providence, R. I.	May 3
	Adv. May 3 to 24.	
May 31	Road Repair—Oceanport, N. J.	May 17
	Adv. May 17 and 24.	
June 1	Dredging—Richmond, Calif.	May 17
June 2	Dredging, etc.—San Diego, Calif.	May 17
June 2	Pipe Valves, etc. — Memphis, Tenn.	May 24
	Adv. May 24.	
June 2	Lumber—Nashville, Tenn.	May 24
	Adv. May 24.	
June 4	Post Office—Leesburg, Va.	May 10
June 5	Emergency Gates—Montana	May 10
June 5	Dredging—New Orleans, La.	May 10
	Adv. May 10 to 24.	
June 5	Dredging — Wilmington, Del.	May 10
	Adv. May 10 to 24.	
June 5	Levee Work—Vicksburg, Miss.	May 24
	Adv. May 24.	
June 5	Piping—West Roxbury (Boston P. O.), Mass.	May 24
June 6	Gates—Denver, Colo.	May 10
June 6	Barracks—San Diego, Calif.	May 17
	Adv. May 17 and 24.	
June 6	Roads—San Diego, Calif.	May 17
June 8	Dredging—Phila., Pa.	May 3
June 11	Dike—New York, N. Y.	May 10
	Adv. May 10 to 24.	
June 13	Refrigerating Machinery—Pearl Harbor, H. T.	Apr. 26
June 13	Stack—St. Cloud, Minn.	May 17
June 15	Recreation, etc. — Dawson Springs, Ky.	May 17
	Adv. May 17 and 24.	
June 15	Nurses Quarters—New York, N. Y.	May 24
	Adv. May 24.	
June 19	Dredging—Providence, R. I.	May 24
	Adv. May 24.	
June 19	Dredging — Wilmington, N. C.	May 24
	Adv. May 24.	
June 19	Remodeling—Baton Rouge, La.	May 24
	Adv. May 24.	
June 20	Dredging, etc. — Buffalo, N. Y.	May 24
	Adv. May 24.	
June 20	Dredging—Norfolk, Va.	May 24
	Adv. May 24.	
June 20	Remodeling — Huntsville, Ala.	May 24
	Adv. May 24.	
June 22	Jetty—Galveston, Tex.	May 24
	Adv. May 24.	
June 23	Valves, etc. — Florence, Ala.	May 24
	Adv. May 24.	

MISCELLANEOUS

May 28	Heating and Ventilating Apparatus, etc. — Brooklyn, N. Y.	May 24
May 28	Creosoted Wood Blocks — St. Paul, Minn.	May 24
May 31	Road Materials — Baltimore, Md.	May 24
May 31	Freight Shed—New York, N. Y.	May 24
May 31	Shed—New Orleans, La.	May 24
June 1	Binder Stone—New York, N. Y.	May 24
June 1	Pier—Charleston, S. C.	Apr. 26
	Adv. Apr. 26 to May 24.	
June 1	Stadium—Madison, Wis.	May 24
June 1	Miscellaneous Construction, etc.—New York, N. Y.	May 24
June 1	Trucks—Montreal, Que.	May 24
	Adv. May 24.	
June 5	Sand Clay Gravel—Baton Rouge, La.	May 24
June 12	Dikes, etc.—Missouri	May 24
June 14	Pier and Wharf—Charleston, S. C.	May 24
	Adv. May 24.	
Feb. 28	Headworks — Wellington, New Zealand	May 24
	Adv. May 24.	

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Conn., Newington — Center Fire Dist. plans waterworks extensions. $120,000. T. A. Francis, town clk.

N. Y., Endicott — Endicott Water Co. plans 4,000 ft. 6 in. mains.

N. Y., Fredonia—Plans 10 in. pipe line and 25 ft. dam across Canadaway Creek. $55,000. W. H. Shelton, c/o village clerk. engr.

N. Y., Nunda—Plans to purchase new pumping station equipment to replace that which was destroyed by fire. $5,000. Engineer not announced.

Ky., Louisville—Louisville Waterworks Co., 3rd St., plans 48 in. main from Crescent Hill west to 15th St. $65,000. C. W. Smith, pres.

O., Columbus—Making plans 2,700 ft. 4 in. and 2,700 ft. 8 in. mains in 3rd Ave. $36,481; 1,716 ft. 6 in. mains in Ray and Cordell Aves., $3,947. R. H. Simpson, city engr.

O., Cincinnati—Plans laying 10,000 ft. 12 in. c.i. mains. $45,000. J. A. Hiller, City Hall, engr.

O., Port Clinton—See "Sewers."

O., Grandview Heights (Columbus P. O.) —Making plans 16,580 ft. 6 in. c.i. mains in Parkway N., Parkway Dr., Timberman, and Copeland Rds., Goodale and Northwest Blvds., Thomas, Mulford, Dover, Norton, Hooly and 2nd Aves. $50,000. Burgess & Nipel, 223 East Broad St., Columbus, engrs.

O., Painesville—Plans water supply system of tanks or reservoir. $250,000. Hadlow, Hick & Co., Finance Bldg., Cleveland, engrs.

Waterworks (Continued)

Ind., Evansville—Plans addition to filtration plant. $25,000-$30,000. Alvord, Burdick & Howson, 1417-18 Hartford Bldg., Chicago, engrs.

Ill., Chicago—See "Industrial Works."

Mo., Fulton—Voted $50,000 bonds for improvements to water and light plant. Work will be done by day labor under supervision of W. J. McCarroll, supt. Municipal Water, Light & Power Plant. H. K. Graf, Chemical Bldg., St. Louis, archt.

Mo., Kansas City—Sold $2,500,000 bonds (71st issue) to defray cost of surveys, plans, engineering fees, site, etc., for new $11,000,000 waterworks plant.

Tex., Dallas—Soon takes bids 16 in. main along Greenville Rd. from Junius St. to city limits. $35,000. E. A. Kingsley, city engr.

Tex., Ft. Worth—City Com. takes bids about June 5, 2 electrically driven pumps 2 m. g. daily capacity, one gasoline engine 3 m. g. daily capacity, one 50,000 gal. steel tank, one 333,000 gal. concrete pump, 1 concrete and brick, pump house, 27 x 38 ft., etc., from South Side booster station. $60,000. D. L. Lewis, city engr. J. B. Hawley, Cotton Exch., consult. engr.

Calif., Long Beach—Plans reservoir, increasing storage capacity from 5 m. g. to 40 m. g., will also lay mains and drill wells. To exceed $1,500,000.

Ont., Grimsby—Plans to extend water system to Grimsby Beach. $30,000.

Que., Montreal—Plans to lay 3,300 lin.ft. 30 in. main in Sherbrooke St. from Delormier to Wurtele Sts. H. A. Tetreault, City Hall, dir. pub. wks.

B. C., Vernon—Having plans prepared new pumping station and artesian well in city park. $30,000.

BIDS DESIRED

N. Y., Buffalo—June 4, by A. W. Kreinheder, comr. Pub. Wks., Municipal Bldg., furnishing and delivering forty 30 in., forty 24 in., eighty 20 in., forty 10 in. and two 36 in. flanged gate valves. G. Andrews, Col. Ward Pumping Sta., engr.

Md., Baltimore—May 31, by Bd. Awards, City Hall, two 8 m. g. motor driven centrifugal pumps and electrical equipment for Druid Pumping Station.

D. C., Wash.—June 4, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave., for mains and sewers. Contr. 36-W & S. R. B. Morse, Hyattsville, Md., ch. engr. of dist.; adv. this issue.

Va., Richmond—Taking bids addition to pumphouse at station south of Byrd Park, 40 m.g. daily capacity. Designed to permit increase of 20 m.g. when necessary. E. W. Trafford, dir. Public Utilities.

W. Va., Oak Hill—Oak Hill Water Co. taking bids electrically operated pumping machinery, with auxiliary equipment. To exceed $5,000. R. R. Thomas, pres.

N. C., Davidson—May 29, for 100,000 gal. rein.-con. collecting reservoir, one or more 8 in. deep wells, 20,000 lin.ft. 8 in. and 5,200 lin.ft. 10 in. terra cotta sanitary sewers, 11,500 ft. 6 in. and 1,000 ft. 8 in. c.i. water mains, 8,000 ft. galvanized iron water pipes, etc. Mees & Mees, Kinney Bldg., Charlotte, engrs. Noted May 10.

O., Columbus—See "Streets and Roads."

Wis., Reeseville—June 1, by A. C. Buss, village clk., 50,000 gal. steel tank with 116 ft. tower (alternate 60,000 gal. tank, same height), 2 pumping units and motors, drilling 12 in. well and casing, 20,000 gal. concrete reservoir, laying 11,600 ft. 4 and 6 in. c.i. main, 11,400 ft. 6-12 in. sewer, 28 manholes, septic tank, etc. E. B. Parsons, Jefferson, engr. Noted May 17.

Ia., Oskaloosa—June 1, by Waterworks Trustees, for 2 m. g. gal. rapid mechanical filtration plant, also control dam across new channel Skunk River. Brown & Cook, 121 East 2nd St., Ottumwa, engr. Noted Feb. 8.

Minn., Stewart—June 5, by city, 60,000 gal. elevated steel tank. E. Lestico, city clk.

BIDS RECEIVED

N. J., Trenton—For 180 tons 10 in. pipe for Water Dept., from U. S. Cast Iron Pipe & Fdry. Co., Morris Bldg., Phila., $62.25 per ton. This corrects report in May 10 issue.

Pa., Harrisburg—S. Hassler, Water comr., May 15, 30 m. g. covered reservoir, also furnishing and laying pipe, valves, etc. at reservoir, from S. W. Shoemaker & Son, Walnut St., $484,040 and $276,763 respectively. Noted Apr. 19.

Md., Baltimore—Bd. Awards, furnishing and delivering sluice gates for additions to Montebello Filters, Water Dept. Contr. 67, from Coldwell-Wilcox, South End., Newburgh, N. Y., $45,295. Noted May 10.

Tex., Ft. Worth—Mains and connections in 13th St., 36,000 lin.ft. 6-20 in. c.i. pipe, valves, fittings, etc., from H. W. Greenway, 214 Hemphill St., Ft. Worth, $40,235.

Calif., San Francisco—Bd. Pub. Wks. of city and San Francisco Co., constructing Bay Crossing pipe line in Bay Crossing Div. of Hetch Hetchy Aqueduct, Contr. 90, Hetch Hetchy Water Supply, from Western Pipe and Steel Co., 444 Market St., $2,231,661. Noted Apr. 19.

CONTRACTS AWARDED

N. Y., Liberty—Bd. Water Comrs., c.i. mains and specials, to W. G. Fritz, West Orange (street address not available), $63,552. Noted May 3.

N. C., Marion—City will lay 9½mi. of 8 in. gravity mains, by day labor, under supervision of H. H. Tate, mayor. Noted Mar. 22.

N. C., Mooresville—Brick and concrete pumping station, filterhouse, auxiliary station, coagulating basin, storage reservoir, laying 5 mi. c.i. pipe lines, 5 mi. 2,200 volt electric transmission lines, to Quion & Withers, Gastonia, $162,000; filter equipment to Tucker & Laxton, Realty Bldg., Charlotte; pipe to Glancorgan Pipe & Fdry. Co., 98 Adams St., Lynchburg, Va.; pumps to Morris Machine Wks., Baldwinsville, N. Y.; wash water tanks to Chicago Bridge & Iron Wks., 608 South Dearborn St., Chicago; valves to Grinnell Co. Inc., Hartman Bldg., Columbus, O.

N. C., North Wilkesboro—Laying 8,000 ft. 4 and 6 in. water pipe and 2,000 ft. 4 in. Universal pipe, to Electrical Constructors Co., 26 West 5th St., Charlotte, $20,000.

O., Columbus—See "Streets and Roads."

Wis., Milton — Deep well, mains, pump house, reservoir, etc., to W. H. Deason Co., 355 Washington Bldg., Madison; centrifugal pumps, to Dayton-Dowd Co., Quincy, Ill. (street address not available); 40,000 gal. tank and 70 ft. tower, to Pittsburg-Des Moines Steel Co., 38 South Dearborn St., Chicago. Noted Apr. 19.

Minn., Winsted—Waterworks system, to Phelps-Drake Co., 719 Metropolitan Life Bldg., Minneapolis, $30,000.

Ark., Ft. Smith—For 3,000,000 gal. concrete reservoir, to J. H. Reddick, 619 North 20th St., $31,368. Noted May 3.

Tex., Rule—For 50,000 gal. steel tank and tower, pump house and machinery, 33 fire hydrants, miscellaneous valves, 34,800 ft. 2-8 in. c.i. pipe, to Pittsburgh Des Moines Steel Co., Sumpter Bldg., Dallas, $50,000. Noted Mar. 1.

Sewers

PROPOSED WORK

Mass., Boston — Plans 400 ft. earthen pipe surface drain, catch basins, etc., Bellevue Ave. between Brook and Beech Sts., West Roxbury, $25,000; 1,000 ft. 12 in. earthen pipe sewer, 25 concrete catch basins, etc., Grove St. between Washington and Center Sts., West Roxbury, $80,000; 500 ft. concrete overflow sewer, Farragut Rd. at East 1st St., South Boston, $47,000. E. F. Murphy, city sewer engr.

N. Y., Glens Falls—June 12, to vote on $75,000 bonds to extend sanitary and storm sewerage system.

N. Y., Ogdensburg—June 7, to vote on $100,000 bonds extending sanitary and storm sewerage system. D. J. Crichton, village clk.

N. J., Morris Plains—A. B. Mills, state archt., State Office Bldg., Trenton, rejected bids sewage disposal plant, incl. 200 ft. concrete tank, 7 ft. deep, etc., at Hospital for Insane, here. May readvertise. Noted May 10.

W. Va., Bluefield — See "Streets and Roads."

Tenn., Milan—Plans complete sewerage system. Voted $100,000 bonds (portion required for system). H. P. Webb, mayor.

O., Canton—Retained McClaskey & Peese, engrs., Renkert Bldg., to prepare plans enlarging sewage disposal plant. $500,000. W. E. Sarver, City Hall, engr.

O., Cincinnati—Plans Mill Creek Intercepting sewer, Contr. 8, Part B, Linden St. to Hartwell disposal plant, 850 ft. 54 in. concrete pipe. $32,200. F. Krug, City Hall, engr.

O., Port Clinton—Ottawa Co. making preliminary surveys for sewers, sewage disposal plant and waterworks system. $300,000. R. E. Garvin, Davis & Farley Bldg., Cleveland, engr.

Mich., Detroit — Having plans prepared 2,601 ft. of 18 in crock to 4 ft. 3 in. cylinder, Puritan Ave. Arm West Sewer, also 2,810 ft. of 15 in crock to 4 ft. 6 in. cylinder in Puritan Ave. Arm East Sewer, brick, monolithic concrete, vitr. segment block and vitr. crock. J. W. Reid, city engr.

Mich., Ferndale—Plans to issue $350,000 bonds to pay share in extending sewer in Campbell Ave. from 8th Mile Rd. to 13th Mile Rd., draining town of Ferndale, Pleasant Ridge Village, city of Royal Oak and Royal Oak Twp., concrete or brick, 4-10 ft. diam., also sewage treatment plant.

Kan., Burr Oak—Making plans sewerage system. $40,000. C. A. Haskins, 517 Finance Bldg., Kansas City, Mo., engr.

Kan., Lyons — Making plans complete sewerage system. $90,000. C. A. Haskins, 517 Finance Bldg., Kansas City, Mo., engr.

Kan., Sterling—Had plans prepared sanitary sewerage system. $40,000. Ruckel Eng. Co., Interurban Bldg., Hutchinson, engrs.

Kan., Topeka—See "Streets and Roads."

Tex., Grand Prairie—Election soon to vote on $30,000 bonds complete sewerage system. Koch & Fowler, 606 Central State Bank Bldg., Dallas, engrs.

Wash., Seattle—Bd. Pub. Wks. rejected bids sewers in Brandon St. et al. $54,965. J. D. Blackwell, city engr. Noted May 17.

Ont., Burlington—Soon takes bids 1,100 ft. 6 x 10 ft. rein.-con. storm sewer. $50,000. Mackay & Mackay, Bank of Hamilton Bldg., Hamilton, engrs.

Ont., Toronto — Having plans prepared 18,000 ft. storm sewers in various streets, 8 in. and up, $53,550. R. C. Harris, city engr.

BIDS DESIRED

N. Y., East Aurora—See "Streets and Roads."

N. Y., Poughkeepsie—June 7, by Bd. Pub. Wks., Eastman Park Mansion, sewage pumping station, Hazen & Whipple, 25 West 43rd St., New York City, consult. engrs.; adv. this issue.

N. Y., Waterloo — June 6, sanitary and storm sewer in Cox St. To exceed $25,000. A. R. Moore, village clk.

N. J., East Orange—May 28, by Mayor and City Council, 7,500 ft. 24 and 30 in. sewer in William St. $110,000. W. D. Willigerod, City Hall, engr.

N. J., Long Branch—June 5, by Bd. City Comrs., separate sewerage system with sedimentation tank in northwesterly section of city. J. W. Seaman, 192 Bway., city engr.; adv. this issue.

Pa., Portage—May 29, by Boro. Council, 2,350 ft. sanitary sewer in Main St., 1,025 ft. 10 in. and 1,225 ft. 12 in. rein.-con. pipe. P. F. Campbell, boro. engr.

D. C., Wash.—See "Waterworks."

O., Akron—May 31, by Bd. Control, Hawkins Rd. Interceptor Sewer, 1 mi., 30 to 80 ft. deep. $250,000. Noted May 3.

O., Columbus—See "Streets and Roads."

O., Columbus — June 2, at office of Franklin Co., joint intercepting sewer in Sewer Dist. Franklin 1, Contr. 3. R. W. Smith, clk.; adv. this issue.

O., Marion—June 7, at office of E. A. Schultz, dir. Pub. Serv., main sanitary sewer, Contr. D. G. B. Gascoigne, 648 Leader-News Bldg., Cleveland, engr.; adv. this issue.

Ill., Chicago — May 29, by Bd. Local Impvts., 207 City Hall, constructing sewers. $260,000. C. D. Hill, ch. engr.

Wis., Cashton—May 31, 20,238 ft. 6-10 in. vitr. sewers, 1,407 ft. 10 in. wood stave pipe, 86 manholes, 2 sewage disposal plants, consisting of tanks, filters, aeration equipment, 671 cu.yd. excav., 272 cu.yd. concrete. $25,000. W. G. Kirchoffer, Dean Bldg., Madison, engr. Noted Feb. 1.

Wis., Reeseville—See "Waterworks."

S. D., Hartford—June 5, sanitary sewerage system and extensions, $35,000, watermain extensions $4,000. Chenoweth, Kennedy & Rettinghouse, Boyce-Greely Bldg., Sioux Falls, engrs. Noted May 17.

Mo., Maplewood (St. Louis P. O.)—May 29, Manchester Sewer 2, 2 mi. 6-36 in. pipe, etc.

Calif., Whittier — June 4, by City Trustees, upper end of outfall sewer incl 10,000 ft. 18, 24 and 27 in. cement pipe. Noted May 17.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro. Queens Subway Bldg., sewers in (1) Chauncey St. (2) Welling St. (3) Evelin St. from Fresh Pond Rd. to Azalea St. (4) Evelin St. from Azalea St. to Mt. Olivet Ave. (5) 102nd Ave., from Green Contg. Co., 734 Vernon Ave., Astoria, (1) $3,260; Kennedy & Smith Inc., 93 Amity St., Flushing, (2) $2,992 (3) $5,031 (4) $10,991; Seaside Contg. Co., 193 Beach 108th St., Rockaway Beach, (5a) $9,625 (5b) $9,511. Noted May 10.

N. J., Atlantic City—Bd. City Comrs., City Hall, extending storm drainage system, from J. J. McHugh, 1617 Race St., Phila., $322,516. Noted Apr. 26.

Sewers (Continued)

Md., Baltimore—Bd. Awards, May 16, 978 lin.ft. 10 in. and 3,858 lin.ft. 8 in. vitr. pipe sewer, 3,552 lin.ft. house connections, 25 manholes, Dist. 7-B, Contr. 193, from D. Catalano, Knickerbocker Bldg., $21,686. Noted May 10.

Mich., Detroit—Dept. Pub. Wks., 10-30 in. vitr. crock lateral sewers in Alleys 3910 and 3912, from W. Blanck & Co., 827 Ford Bldg., $29,776 and $16,775 respectively; Alleys 3913 and 3915, from Oakwood Constr. Co., Oakwood Ave., $14,000 and $17,500 respectively; Alleys 3916 and 3920, from Hammen & Co., 4612 Woodward Ave., $9,472 and $15,978 respectively; Alley 3917, from C. R. Lennane, 2631 Woodward Ave., $12,906; Alley 3918, from Rennie & Bibble Co., Detroit (street address not available), $11,977; Alley 3919, from Detroit Drainage Constr. Co., 5099 LeMay Ave., $17,395.

Calif., Pasadena — From Waterworks Supply Co., Call Bldg., San Francisco, furnishing 8 sewage screens, bucket elevators and machinery, f.o.b. cars Hyperion sewage treatment plant, $39,725, also eight 7 ft. diam. x 7 ft. long Sanitation-Dolierco drum screens, plates perforated with Twin Slots, $36,975; from Dorr Co., 101 Park Ave., New York City, 8 Dorrco Screen units each to handle 10 m.g. per day, each unit consisting of 8 x 8 ft. Dorrco screen with screenings dewatering elevator and direct connected drive for each unit, delivered at Hyperion sewage treatment plant, $54,961. Noted Apr. 5.

CONTRACTS AWARDED

Mass., Boston—Pub. Wks. Dept., sewers in East Cottage and Humphrey Sts., to V. Barletta, c/o Pub. Wks. Dept., $58,033. Noted May 10.

Mass., Fall River—City will lay sewer in Underwood, Maple and Madison Sts., by day labor. $40,000. A. Wolstenholm, city engr.

N. Y., Syracuse—Bd. Contr. & Supply, Sect. E of 17th Ward Sewer, 24 and 30 in. concrete and rein.-con. pipe, to J. Young, Bastable Blk., $119,494.

N. J., Butler—Boro Council, sewers left unfinished by abandonment of a previous contract, to Romano & Tozzi, Montclair (street address not available), $51,053. Noted Apr. 26.

Ala., Scottsboro—Laying 10,000 ft. sanitary sewers in Andrews, Wilson, Laurel and Kyle Sts., to J. C. Wall, Scottsboro, $25,300.

O., Columbus—See "Streets and Roads."

Ind., Indianapolis—Bd. Sanitary Comrs., City Hall., dehydration building, to Hall Constr. Co., South and Illinois Sts., $109,688. Noted Apr. 5.

Kan., Independence — Sewage disposal plant, to A. G. Sherwood, Independence, $52,388. Noted Apr. 12.

Mo., St. Louis—Paul Jones Realty Co., 13,500 ft. 6-12 in. vitr. sewers in Virginia Park subdivision, to McKelvey Constr. Co., 911 Title Guaranty Bldg. Engrs. est. $22,500.

Tex., Big Springs—For 5 mi. sewer extensions, to Janes Constr. Co., South West Life Bldg., Dallas, $40,500. Engrs. est. $60,000. Noted Apr. 5.

Tex., Ft. Worth—Storm sewers in various streets, 3,810 cu.yd. earth, 982 cu.yd. loose and 981 cu.yd. solid rock excav., 3,394.2 ft. 18-48 in. pipe, above 24 in. rein.-con. below vitr. tile, 2 manholes, 18 inlets, to Tarrant Constr. Co., Box 1025, Ft. Worth, $37,500.

Wash., Seattle—Bd. Pub. Wks., sewers in East Marginal Way, et al., to F. N. Badolato, Box 561, $124,321. Engrs. est. $135,000. Noted May 17.

Calif., Whittier—Constructing lower end of outfall sewer and disposal works, incl. Imhoff tanks and sludge beds (not incl. filter), to H. Hanawalt, La Verne, $48,000. Noted May 17.

Ont., Hamilton—For 3,300 ft. sewers in Marion St. from King to Barclay Sts., King St. from Paradise Rd. to Bond St., South Oval from King to Newton Sts., 410 ft. 30 in. and 2,890 ft. 12, 15, 21 and 24 in. pipe, to Webster Constr. Co., Bank of Toronto Bldg., London. Engrs. est. $30,000.

Bridges

PROPOSED WORK

N. Y., Fort Ann—State Hy. Dept., Albany, and Delaware & Hudson R.R., foot of State St., Albany, submitted plans to Pub. Serv. Comn., for concrete overhead highway crossing of Comstock-Fort Ann highway, to cross 2 tracks of railroad, south of here. $75,000. Later plans may call for bridge to cross 4 tracks. J. MacMartin, ch. engr. of D. & H. R.R.

Pa., Erie—City and Erie & Pittsburgh R.R. Co., (branch of Pennsylvania R.R.) plan viaduct over tracks on West 6th St., here. $82,000. F. G. Lynch, city engr.

Virginia—State Hy. Comn., Richmond, 4 bridges over Little Indian and Maiden Spring Branch, rein.-con. beam spans, Project F 271, Route 11, to Scott & Trinkle, Norton, $29,765; bridge over Dry and Pass Runs, three 30 ft. rein.-con. beam spans and two 20 ft. spans, Project F 294, Route 21, to M. C. Turner, Roanoke, $14,969; 120 ft. steel truss bridge over Grassy Creek, Project F 178, Route 31, to Atlanta Bridge Co., Roanoke, $10,310; bridge over Carys Brook, three 30 rein.-con. beam spans, to Baker Royer Co., Richmond (street address not available), $5,571; bridge over Raccoon Creek, rein.-con. arch and slab spans, Project F 155, Route 32, to Burgess & Atkinson, Scottsville, $9,238. Noted Apr. 26.

Ky., Irvine—Estill Co. plans steel truss bridge across Kentucky River at South Irvine. $50,000. Engineer and architect not selected.

O., Alliance—Plans election to vote on $80,000 bonds (city's share) for bridge on Lincoln Ave. Total cost $100,000.

Wis., Madison—Making plans 33 ft. rein.-con. deck girder single span bridge, 44 ft. roadway and two 10 ft. walks, on Fair Oaks Ave. E. E. Parker, City Hall, engr. Noted Mar. 29.

N. D., Fargo—Great Northern R.R., 523 Metropolitan Life Bldg., St. Paul, Minn., plans 196 ft. steel bridge, with 2 through plate girders, 2 concrete piers. $47,000. A. H. Hogeland, St. Paul, Minn., ch. engr.

Tex., Center—See "Streets and Roads.".

Tex., Waxahachie — See "Streets and Roads."

Ont., Barrie—Simcoe Co. having plans prepared 6 concrete and 2 steel highway bridges, 10-60 ft. spans, mostly 16 ft. wide. $60,000. F. Barber and Associate, Ltd., 45 Jarvis St., Toronto, engrs.

Ont., Goderich—Huron Co. having plans prepared 2 steel truss bridges, Bannockburn Bridge, 79 ft. span, 20 ft. wide, and Lake Rd. Bridge near Bayfield, 50 ft. span, 20 ft. wide. $30,000. R. T. Patterson, County Bldg., engrs.

BIDS DESIRED

N. Y., Fine—June 5, at office of F. H. Kelly, town clk., two concrete-steel arch bridges, 1 over Oswegatchie River, and other over Little River, both near village of Oswegatchie. Concrete-Steel Eng. Co., Park Row Bldg., New York City, engrs.; adv. this issue. Noted May 10.

Pa., Muncy—June 5, by Comrs. Lycoming Co. (Williamsport), 120 ft. 3 span rein.-con. girder bridge over Muncy Creek, here. $30,000. M. H. Krause, Susquehanna Trust Bldg., Williamsport, engrs.

Alabama—See "Streets and Roads."

Ala., Birmingham—June 8, by Bd. Revenue Jefferson Co., 396 ft. steel bridge over Warrior River, eleven 22 ft. steel approach spans, etc. C. J. Rogers, co. engr.

O., Cincinnati—May 31, by W. J. Hiner, purch. agt., Cleveland, Cincinnati, Chicago & St. Louis Ry. Co., 511 West 3rd St., one 76 ft. and four 80 ft. steel girder spans. $45,000. J. B. Hunley, 511 West 3rd St., ch. engr.

O., Cincinnati—May 31, by W. J. Hiner, purch. agt. Peoria & Eastern Ry. Co., 511 West 3rd St., five 85 ft. and five 94 ft. steel girder spans. $67,500. J. B. Hunley, 511 West 3rd St., ch .engr.

Wisconsin—See "Streets and Roads."

Wis., Madison—May 31, by Dane Co. State Road and Bridge Com., constructing Hildebrant, Carlson, Kruchten, O'Malley, Haight, Baldwin, Boyd, Riles, Burns, Hustad and Haight Bridges, concrete, also various roads. J. R. Caldwell, comr.

Tex., Amarillo—City Com. takes bids about June 1, viaduct on 10th and Grant Sts. $39,400. H. Banks, city engr.

Ontario — May 28, by C. H. Fullerton, engr., Parliament Bldgs., Toronto, 90 ft. steel truss highway bridge superstructure, 16 ft., over Katrine Bay, about 3 mi. from Burks Falls Sta., also 100 ft. steel truss highway bridge, 16 ft., over Blanche River Dist. of Temiskaming, for Dept. Lands, Forests & Mines, Northern Development Branch, Parliament Bldg., Toronto, $40,000.

Ont., Orangeville — See "Excavation, Dredging & Irrigation."

Ont., Toronto—June 6, by W. A. McLean, deputy minister of highways, 110 University Ave., high level highway bridge known as Humber Bridge over Humber River, Bloor St., 700 ft. long, 45 ft. wide, Contr. 983 steel superstructure and concrete substructure, or Contr. 1011. Alternate bid on rein.-con. and concrete superstructure and substructure. $500,000. G. Hogarth, ch. engr.

BIDS RECEIVED

Florida—State Rd. Dept., Tallahassee, 896 ft. rein.-con. bridge with 65 ft. steel span over Sebastian River, Project 39, Brevard and St. Lucie Counties, from A. Bentley & Sons, Amer. Natl. Bank Bldg., Jacksonville, $200,343. Noted May 3.

Illinois—Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, constructing bridges, s means steel, c s concrete slab, c g concrete girder, sub structure, c c concrete culvert and superstructures; (1) 3 c s, 1-2B White, means (1) 3 concrete slab bridges Bond Route 1, Sect. 2B, White Co. (2) 2 c s and 1 c g, 1-3B, White (3) 2 c g, 1-28B, White (4) 1 c g and 1 sub, 1-38B, Johnson (5) 1 super, 1-38C, Johnson (6) 1 c g and 1 sub, 1-39B, Massac (7) 1 super, 1-39C, Massac (8) 1 sub and 4 c g, 2-21B, Fayette (9) 1 c s and 2 c g, 2-22B, Fayette (10) 3 c g, 2-37G, Ogle (11) 2 c s, 2-43B, Christian (12) 1 c g, 2-44B, Christian (13) 1 c g, 2-45B, Christian (14) 1 c g and 1 c s, 2-55B, McLean (15) 2 c g, 2-62B, McLean (16) 1 sub 2-63B, McLean (17) 1 c g, 3-19B, Rock Island (18) 1 c g, 3-51B, Greene Co. (19) 2 sub and 6 c g, 3-52B, Greene (20) 2 super, 3-52C, Greene (21) 1 sub, 3-59B, Madison (22) 1 c c, 1 sub and 1 super, 3-74B, Randolph (23) 1 c s, 5-24B, Jo Daviess (24) 1 c s, 6-F, Cook (25) 3 c c, 6-31B, Lee (26) 1 sub and 1 c s, 7-(Federal Aid-7)-R2, Bureau (27) 1 super, 7-(Federal Aid 7)-R-3, Bureau (28) 1 c g, 8-34-B, Woodford (29) 2 c g and 1 c s, 8-25-B, Livingston (30) 3 c s, 20 c g and 3 sub, 12-9B, Richland-Clay (31) 2 super, 12-9C, Richland-Clay (32) 2 c g, 12-13B, Marion (33) 1 sub, 16-11B, Shelby (34) 1 super, 16-11C, Shelby (35) 1 c g, 24-4B, Christian (36) 2 c g and 1 c s, 25-10B, Wayne (37) 1 c s and 1 c g, 28-10B, Henry (38) 4 c g, 1 c s and 2 c c, 33-1B, Crawford (39) 14 c g and 1 sub, 33-4B, Jasper (40) 1 super, 33-4C, Jasper (41) 1 c c, 1 c s and 1 c g, 34-1B, Saline (42) 2 super, 34-1C, Saline (43) 2 c s and 3 c g 34-2B, Saline (44) 3 c g, 1 c s and 3 c c, 34-3B, Pope-Hardin (45) 2 c g and 1 c c, 34-4B, Hardin (46) 1 c g, 2 c c and 1 sub, 34-5B, Hardin (47) 1 super, 34-5C, Hardin (48) 1 c s and 1 c g, 4-11B, Livingston (49) 2 c g, 3-23B, Mercer (50) 5 c s and 3 c g, 1-Comb. Q, White (51) 1 sub, 6 c g, and 1 c s, 2-Comb. T, Fayette (52) 2 c s and 2 c g, 2-Comb. U, Christian (53) 7 c g and 2 sub, 3-Comb. W, Greene (54) 1 c s, 2 c g and 1 sub, 16-21B, Montgomery (55) 1 super, 16-21C, Montgomery (56) 1 super, 7-Federal Aid 55-13C, Bureau, from C. B. Mautz, Benton (1) $10,135 (2) $12,392 (30) $46,500. E. F. Kent & Co., Champaign, (street address not available) (48) $31,915 (15) $13,995. Mautz & Oren, Effingham, (8) $22,637. C. Taggart, Martinsville (12) $8,292 (52) $36,500, Tripp Bros., Belleville, (22) $28,437. W. C. Johnson, 512 South High St., Belleville, (9) $27,933 (51) $49,800 (32) $30,727 (54) $43,763 (55) $7,711 (40) $13,191. M. Frazier, Louisville, (36) $14,427. General Constr. Co., Syndicate Trust Bldg., St. Louis, Mo. (4) $23,824 (6) $20,190 (43) $26,400 (44) $60,771 (45) $30,792. W. H. Shons, 109 Spring St., Freeport, (3) $22,793 (13) $18,440 (33) $26,034 (41) $33,267. International Steel and Iron Co., 1243 Edgar St., Evansville, Ind. (5) $6,773 (7) $13,254 (42) $18,039. F. E. Marsh & Co., (address not available) (10) $49,744. Oltendorf Constr. Co. (address not available) (24) $13,117. A. Culbertson, Oconee (11) $8,125. I. D. Lain, Bloomington, (14) $20,660. Lundgren-Reis Co. (address not available) (16) $25,407. St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo. (20) $14,908. Illinois Steel Bridge Co., Jacksonville, (34) $36,497 (46) $26,697. Continental Bridge Co., Monadnock Blk., Chicago, (27) $5,786 (56) $5,942. Herrick Constr. Co., Chicago (street address not available) (18) $9,395 (19) $48,731 (21) $19,718 (53) $57,500. C. H. Schadt, Silvis, (17) $4,484. Sheldon Constr. Co., Putnam Bldg., Davenport, Ia. (23) $9,554 (26) $22,699 (49) $40,535 (37) $14,884. Stupp Bros. Bridge & Iron Co., Syndicate Trust Bldg., St. Louis, Mo. (47) $27,354. D. Warner, Polo, (25) $8,248. D. Kief Low Point, (28) $9,423 (29) $18,223. H. R. Caywood, Mount Vernon, (30) $161,577. Vincennes Bridge Co., Vincennes, Ind. (31) $34,801. G. C. Fairclo (address not available (35) $38,172. J. P. Lyons (address not available) (38) $33,096. V. C. Connor, (address not available) (39) $56,798. Noted May 3.

CONTRACTS AWARDED

Ohio—See "Streets and Roads."

O., Cleveland—Zettlemeyer Coal Co., Century Bldg., 204 ft. timber trestle on concrete substructure, over tracks of Pennsylvania R.R., on East 71st St., to Uhl-Jester Co., 1900 Euclid Ave. Engrs. est. $30,000

Bridges (Continued)

Indiana—State Hy Comn., Indianapolis, constructing bridges, s t means steel truss, super. superstructure, sub. substructure, r c a rein.-con. arch, r c s rein.-con slab, r c g rein.-con. girder, F A Federal Aid, S A State Aid; s t super, F A 16, 4-C, Warrick, means steel truss superstructure, Federal Aid 16, State Rd. 4-C, Warrick Co.; to M & P Contract Co., Rockport, s t super., F A 16, 4-C, Warrick, $3,926, engrs. est. $3,984, r c a, F A 37, 18-A, Spencer, $29,867, engrs. est. $33,893, r c s S A 4, 4-L, Orange, $3,984, engrs. est. $4,070; to J. H. Hardin Co., Pendleton, r c a, F A 57 and r c s, S A 9, etc., Warren, $22,260, engrs. est. $26,545, r c a, S A 33, 33-A, Warren, $7,586, engrs. est. $9,032; to National Concrete Co., 825 Lemcke Bldg., Indianapolis, s t sub., F A 36, 10-A, Vanderburgh, $30,578, engrs. est. $40,269; to Schroeter Bros., Hammond, s t, F A 55, 49-C, Lake, $13,675, engrs. est. $14,265; to Hancock & Kieffer, Brownstown, r c g, S A 4, 4-D, Jackson, $6,719, engrs. est. $7,940; to J. F. Hopkins & Son, Loogootee, r c g and r c s, S A 5, 5-C Daviess, $5,017, engrs. est. $5,691; to J. W. Dougherty & Son, Farmersburg, s t, S A 10, 10-H, Sullivan, $3,255, engrs. est. $3,768; to J. E. Sweet & Sons, Woodburn, wood block floor and paint, S A 42, 42-D, Floyd, $8,104, engrs. est. $8,123; to A. G. Schenk, Mt. Vernon, wood block floor and paint, F A 16, 4-C, Warrick, $5,140, engrs. est. $5,189. Noted Apr. 19.

Ind., Monticello—Comrs. White Co., raising 10 steel bridges over Tippecanoe River and tributaries, to R. M. Freeman, 8 West 40th St., New York City, $55,000. Noted May 3.

Mich., Lansing—Rein.-con. arch bridge, (3 span), 262 ft. long, 52 ft. wide, over Grand River on Seymour Ave., to Townsend, Shuttleworth & Balmer Co., Capitol National Bank Bldg., $52,203. Noted May 17.

Ia., Manchester—Delaware Co., Primary Bridge Project 136, to S. F. Holdren, Earlville, 9 box culverts, $3,457; R. Hackbarth, Earlville, 11 box culverts, $4,303; Parsons & Meyer, Dyersville, 1 I-beam span, $3,900; Olson Constr. Co., Waterloo, 2 pony trusses and 14 box culverts, $25,750.

Calif., Sacramento—Sacramento Co. furnishing 511,000 lb. steel and machinery for Steamboat Slough Bridge and 511,000 lb. steel and machinery for Painterville Slough Bridge, to Moore Shipbuilding & Drydock Co., Balfour Bldg., San Francisco, furnishing steel per lb., $0.0799, machinery per lb., 0.249. Noted May 3.

B. C., Courtenay—Dept. Pub. Wks., Victoria, steel superstructure for 200 ft. main steel truss span and steel truss approaches on concrete abutments, over Courtenay River, total length 400 ft., 16 ft. wide, to Dominion Bridge Co., Mount Royal Hotel, Montreal, Que., $25,000. Provincial Government will build piers by day labor.

B. C., New Westminster—Dominion Government, Ottawa, strengthening ¾ mi. rail and road bridge, 20 ft., over Fraser River, to Dominion Bridge Co., Mount Royal Hotel, Montreal, Que., cost plus basis.

Dams

PROPOSED WORK

N. Y., Fredonia—See "Waterworks."

BIDS DESIRED

Ia., Oskaloosa—See "Waterworks."

CONTRACTS AWARDED

Ark., Pine Bluff—Arkansas Power & Light Co., Remmel dam 900 ft. long at crest 50-60 ft. high, and hydro-electric power station, on Ouachita River between Malvern and Hot Springs, to Ford, Bacon & Davis, 115 Bway., New York City, $1,500,000.

Nev., Yerington—Walker River Irrigation Dist., Yerington, Bridgeport, earth fill dam, to impound 42,000 acre feet, 125,000 cu.yd. earthwork, 1,500 cu.yd. rein.-con. and 20,000 cu.yd. earth and rock excav., to C. R. Hill, 705 Mill St., Reno, $153,400. Noted May 3.

Railways

PROPOSED WORK

Pennsylvania—Lewistown & Reedsville Electric Ry. Co., West Market St., Lewistown, granted franchise to build 1 mi. line from Fountain Sq. to Mount Rock, via Chestnut and Logan Sts. and Logan St. Extension, in Lewistown. J. I. Quigley, pres.

Kansas—Chicago, Rock Island & Pacific Ry., La Salle St., Chicago, plans additional yards, tracks and siding for Herrington and El Reno, Okla., also number of terminals, $200,000; also 29 mi. double track, from Bishop to Paxico and from Herrington to Latimer. L. C. Fitch, vice pres., in charge construction and maintenance.

Ohio—See "Industrial Works" under Mingo Junction, N. Y.

Indiana—Indianapolis & Cincinnati Traction Co., 310 Traction Terminal, Indianapolis, plans extending electric railway line from Connersville to Cincinnati, O. $1,000,000. C. L. Henry, pres.

Michigan—Detroit Dept. Street Railways, St. Jean and Shoemaker Aves., Detroit, having plans prepared 4 mi. double track trolley line on Warren Rd., East Warren and Linwood Aves. $500,000. W. C. Markham, ch. engr.

Illinois—Elgin, Joliet & Eastern Ry., 208 South La Salle St., Chicago, plans 5 mi. second track between Coynes and Des Planes River. $400,000. A. Montzheimer, ch. engr.

BIDS DESIRED

New Jersey—May 29, by City Council, Woodbury, 4,992 lin.ft. straight track, and rein.-con. pavements, etc., on Cooper St., Bids A and B. C. L. Davis, city clk.; adv. this issue.

CONTRACTS AWARDED

Mississippi—Mississippi Central R.R. Co., Hattiesburg, will revise 5 mi. main line near Hattiesburg to eliminate sharp curves and heavy grades. $100,000. S. B. Ringgold, ch. engr.

Illinois—Illinois Central R.R., 135 East 11th Pl., Chicago, 7 mi. second track from Springfield to Barclay, and new double track bridge across Sangamon River, to Frazier Constr. Co., Lincoln, Ind., $410,000.

Wisconsin—Madison Street Rys., 2302 Fair Oaks St., Madison, making plans double tracks on East Johnson St. and University Ave., and extending tracks on Monroe St. $25,000. D. Montgomery, mgr. Private plans.

Ontario—Toronto Transportation Comn., 35 Yonge St., Toronto, will build 4 mi. double civic car tracks on concrete base, wood ties, 100 lb. steel rails, stone block paving, in Toronto, $897,925, also 10 mi. overhead trolley system, $275,000, both by day labor. H. H. Couzens, 35 Yonge St., Toronto, mgr.

Ontario—Toronto Transportation Comn., 35 Yonge St., Toronto, will rebuild and repair Toronto Suburban Ry. tracks in West Toronto, 4 mi. single track to be removed and replaced with new double track on concrete base and stone block paving, on Dundas and Keele Sts. to city limits, by day labor. $2,500,000. H. H. Couzens, mgr.

Ontario—Toronto Transportation Comn., 35 Yonge St., Toronto, will build double track work on Bay St. and intersections at Front St. and Spadina Ave., McCaul and Dundas Sts., King and Queen Sts. and Roncesvalles Ave., by day labor. $436,720. H. H. Couzens, mgr.

Excavation, Drainage Irrigation

PROPOSED WORK

N. Y., New York—Commissioner Docks, Pier "A" North River, rejected bids dredging between West 97th and West 99th Sts., Contr. 1799. Will readvertise. Noted Apr. 26.

Ill., Edwardsville—Levee and Drainage Dist. Assn., Court House, plans drainage work and erection of pump house. $75,000. S. C. Morgan, Edwardsville, engr.

Wis., Jefferson—Farm Drainage Bd. had plans prepared Farm Drain 3, 7,920 acres, $87,000; Farm Drain 5, $25,000. Private plans. J. W. Puerner, secy.

Wis., Milwaukee—Bd. Industrial Educ., 7th and Prairie Sts., soon takes bids excavating for 7 story and basement, 152 x 210 ft., continuation school (3rd unit), brick and concrete, concrete pile caissons and plain foundation.

BIDS DESIRED

N. J., Toms River—June 5, by Bd. Commerce & Navigation, State House, Trenton, (1) finishing incomplete contract dredging canal, 75 ft. bottom width, edge of Manasquan River, (2) removing remainder of material to make canal of 100 ft. bottom width, (3) dredging channel Manasquan River, 100 ft. bottom width, as far as funds will permit. $70,000. V. Gelineua, dir.

Wis., Milwaukee—J. Hunholz, 2310 Vliet St., taking bids on excavation for 6 story and basement, 53 x 106 ft. apartment, brick, tile and concrete, plain foundation, Biddle St. Total cost $250,000. Private plans.

Ia., Sidney—June 5, by Auditor Fremont Co., for work in Mississippi Valley D. D. 1: Plum Creek Diversion Ditch, 390,000 cu. yd. excav.; Possum Creek Diversion Ditch, 378,000 cu.yd.; Main Ditch, 515,000 cu.yd.; Horse Creek Ditch, 60,000 cu.yd.; Cooper Creek Ditch, 213,000 cu.yd.; Knox Ditch, 54,000 cu.yd.; Melitia Hollow Ditch, 38,000 cu.yd.; Cresap lateral 64,000 cu.yd.; Mustard lateral, 145,000 cu.yd.; five laterals combined, 95,000 cu.yd. $195,200. B. B Hurst, Rockport, Mo., engr.

Minn., Albert Lea—June 12, (change of date) by C. Holway, aud. Freeborn Co., Judicial Ditch 9, Sects. O, T, L, L-1 and L-2. $64,394. Midwest Eng. Co., Albert Lea, engrs. Noted Apr. 12.

Colo., Ordway—May 31, by J. H. Abel, secy. Valley View D. D., Sugar City, constructing system, incl. 225,000 cu.yd. excav., open and tile drains, bridges incl. 3 state highway and 18 farm bridges. $75,000. G. H. Russell Eng. Co., Lamar, engrs.

Ont., Orangeville—May 28, by Wheelock & Christie, engrs., Orangeville, Drain 16, Branches A and B, Drains 7, 25 and 45, incl. 42,350 cu.yd. excav., and one 50 ft. rein.-con. bridge for Amaranth Twp. $40,000.

BIDS RECEIVED

N. Y., Brooklyn—J. H. Delaney, comr. Docks, Pier "A" foot of Battery Pl., North River, New York City, May 21, dikes and dredging a channel between Mill Basin and Paerdegat Basin, Jamaica Bay, here, Contr. 1797, from Arundel Corp., foot of Fulton St., $172,220. Noted May 10.

Wis., Manitowoc—Dredging Manitowoc River, from Fitzsimmons & Connell Dredge Co., 10 South Falls St., Chicago, 23,000 cu.yd. hard pan $2.70, 70,000 cu.yd. softer material $0.44. Noted Apr. 19.

N. D., Grand Forks—Auditor Grand Forks Co., drainage ditch, incl. 261,000 cu.yd. excav., to Strom, Degerness & Hanson, Gary, Minn., $26,883. Noted May 3.

CONTRACTS AWARDED

Miss., Greenville—See "Miscellaneous."

Calif., Meridian—Recl. Dist. 70, 141,313 ft. ditch and lateral excav., 18,000 ft. main canal excav., etc., to H. T. Reupke, Box 421, Los Banos, $33,222. Noted May 17.

Calif., Oakland—Alaska Packers Assn., Wells Fargo Bldg., San Francisco., dredging in Oakland Estuary, 1,000,000 to 1,500,000 cu.yd. excav., to Amer. Dredging Co. 255 California St., San Francisco.

Streets and Roads

PROPOSED WORK

Conn., Bristol—Plans 4,000 lin.ft. concrete curbing, 5,000 lin.ft. concrete gutter and 4,000 lin.ft. concrete sidewalks on Lawndale Ave. and Wooding St. $30,000.

Conn., Meriden—Plans paving 30,000 sq. yd. Miller, Butler, Grove, Brooks, Stone and Bradle Sts., sheet asphalt and brick. $160,000. J. A. Toner, city engr.

Conn., Stafford Springs—Plans paving 4 mi. Monson Rd., 18 ft. $80,000. W. R. Preble, Borough Hall, chn. Bd. Selectmen.

New York—F. S. Greene, comr. State Hy. Dept., Albany, received no bids May 16, reconstructing 2.95 mi. Repair Contr. 1366, Pierrepont Manor-Redwood, Jefferson Co. and 1.44 mi. Repair Contr. 1362, Remsen-Boonville town line, Oneida Co. Noted May 3.

N. Y., Hornell—Plans brick paving Taylor and Park Sts., bitulithic macadamizing Armory Pl., Preston Ave., Ontario, Wells, State, East Elm and West Genesee Sts. $150,000. Noted Jan. 11.

N. Y., Niagara Falls—Plans paving Ashland Ave. and 13th St., granite, wood block, asphalt, sheet asphalt or brick. $61,700, based on granite or wood block. W. Bennett, city engr.

N. Y., Yorkville—Making plans and soon takes bids concrete paving various streets. To exceed $25,000. W. G. Stone & Son, Mann Bldg., Utica, engrs.

N. J., Lambertville—Interstate Bridge Comn., Broad St. Bank, Trenton, plan concrete surfacing bridge over Delaware River, between here and New Hope, Pa. $54,000. L. Focht, State House, Trenton, engr.

Pa., Catasaqua—Plans concrete pavements on Howerton Ave., Race and 2nd Sts. $60,000. Engineer not announced.

Pa., Dunmore (Scranton P. O.)—Plans paving 4 streets. $40,000. F. Flanelly, boro. engr.

Pa., Ebensburg—Comrs. Cambria Co. opens bids about June 13, 4 mi. Allegheny Twp. Rd. connecting Loretto and Ashville, asphalt bound macadam on Telford base (penetration method). $150,000. H. T. Jones, controller.

Pa., Meyersdale—Opens bids about June 15, paving 4,000 ft. Large St., Willite, 22 ft., also sanitary sewers. $40,000. L. H. Rowe, boro. engr.

Streets and Roads (Continued)

W. Va., Bluefield—June 19, to vote on $950,000 bonds for improvements to streets, sewers, etc. E. C. Barton, city engr.

W. Va., Parkersburg—City Council plans vitr. brick paving Market, Andrew and Latrope Sts., et al. $150,000.. J. V. Dunbar Parkersburg, engr.

W. Va., Williamson — Warfield Dist. Mingo Co., election June 2, to vote on $100,000 bonds constructing Tug River Highway. H. Cook, co. engr.

Fla., Bradentown—Manatee Co. returned bids unopened paving with shell 15 mi. in Terra Ceia Special Road & Bridge Dist., 15 ft. $55,000. Will readvertise. H. B. Glover, Bradentown, engr. Noted Apr. 26.

Tenn., Nashville—Voted $200,000 bonds for widening 7 blocks Church St. from 13th to 20th Aves. W. W. Southgate, City Hall, engr. Noted Apr. 19.

Tenn., Springfield—Robertson Co. plans 12 mi. road from here to Davidson Co. line, 16 ft. $130,000. County to appropriate $67,500.

Ky., Henderson — Rejected bids 25,000 sq.yd. sheet asphalt paving on various streets. $50,000. Will readvertise. J. A. Cunningham, comr. Pub. Wks. and Property. Noted May 3.

Ky., Irvine—Estill Co. Fiscal Court voted $100,000 bonds constructing Kentenva Highway from Irvine to Beattyville.

Ky., Louisville—Jefferson Co. plans 8 mi. waterbound macadam and 4 mi. gravel roads. C. McWain. co. engr.

Ky., Middlesboro—Plans paving various streets. $25,000. J. C. Richardson, city engr.

Ohio—Dept. Highways and Pub. Wks., Columbus, rejected bids May 8, grading, bridging and paving 10.04 mi. roads in Putnam and Holmes Counties. Noted May 17.

O., Bowling Green—Wood Co. soon takes bids grading and paving 2.37 mi. Jamison Rd., 12 ft., waterbound macadam $34,000, surface treated $37,800; 1.01 mi. Pearl-Owen Rd., 12 ft., waterbound macadam $26,600; 0.66 mi. Oak, Walnut and Elm Sts., in Rossford, 20 ft., bituminous macadam $33,500, concrete $34,700.

O., Cleveland—Cuyahoga Co. takes bids in summer grading, curbing and paving Kinsman Rd. 6, Richmond Rd. 6, South Miles Rd. and York-Bennett Rd., vitr. brick, bituminous concrete or waterbound macadam. $250,000. F. Lander, Court House, engr.

O., Columbus—Franklin Co. received no bids May 17, paving 0.98 mi. Alkire Rd. 2 and Norton Rd. 2, Pleasant Twp. Noted May 10.

O., East Liverpool — Plans improving Avondale St. between Bank and North Sts., brick and Willite. $27,500.

O., Napoleon—Henry Co. plans grading, building bridge and paving 5.95 mi. Toledo-Napoleon Rd., 16 ft., 3,400 lin.ft. concrete, balance bituminous macadam. $133,000. J. W. Harper, co. engr.

Ind., Brazil—Clay Co. plans to grade and gravel 14,780 ft. Douglass Rd., 18 ft. $26,036. F. E. James, Brazil, engr.

Ind., Ft. Wayne—Allen Co. plans improving 15,592 ft. Garman Rd., 24 ft., gravel and stone wearing surface. $33,000. O. M. Darling, Ft. Wayne, engr.

Ind., Rensselaer—Jasper Co. plans to grade and gravel 17,680 lin.ft. Trachel Rd., 2 x 18 ft. $26,742. E. D. Nesbitt, Rensselaer, engr.

Ind., Vernon—Jennings Co. plans to grade and gravel 13,210 ft. Richards Rd., 24 ft. $25,369. C. W. Miles, North Vernon, engr.

Ind., Winchester—Randolph Co. plans to grade and surface 15,570 ft. Kemp Rd., 30 ft., stone wearing surface on gravel, $80,640; pave. 15,740 ft. Howell Rd., 18 ft., stone, $26,600. 12,257 ft. Barkalow Rd., 20 ft., stone, $25,257. A. B. Purdy, Winchester, engr.

Kan., Kansas City—Wyandotte Co. soon takes bids paving 4.4 mi. Argentine-Holliday Rd., 16 ft., concrete or bituminous macadam. O. K. Williamson, Court House, co. engr.

Kan., Topeka—Soon takes bids paving, etc. various streets, 35,000 yd. asphaltic concrete, 12,000 yd. brick, 8,000 ft. clay sewer pipe various sizes, manholes, etc. $225,000. W. E. Baldry, city engr.

Mo., Clayton—St. Louis Co. received no bids May 9, grading and telford macadamizing 3,681 sq.yd. Old Florissant, Chambers and McKelvey Rds. Will readvertise. Noted May 3.

Mo., Clayton — St. Louis Co., rejected bids May 9, grading and telford macadamizing 670 ft. Hancock Ave., 14 ft. Noted May 3.

Mo., Maplewood (St. Louis, P. O.)—Soon takes bids concrete paving $1,100 ft. Bellevue Ave., 36 ft., 8 in. concrete, $15,000; 2700 ft. Commonwealth Ave., Picadilly St. and Richmond Pl., 24 ft., 6½ in. concrete, $37,000. A. H. Beard, 616 Title Guaranty Bldg., St. Louis, engr.

Tex., Angleton — Brazoria Co. making plans grading, shell surfacing, etc. 8.1 mi. Stratton Ridge Rd., (State Highway 19), 16 ft. $97,800. E. N. Gustafson, Bay City, engr.

Tex., Bonham—State Hy. Comn., Austin, granted $170,000 aid to Fannin Co. concrete paving State Highway 5, Dodd-Windom Dist. Total $260,000. S. E. Nielson, co. judge.

Tex., Center—Shelby Co. making plans grading, gravel surfacing and bridging 12.2 mi. State Highway 35, 16 ft. $185,000. P. A. McCarthy, Lufkin, engr.

Tex., Coleman — Coleman Co. making plans grading and gravel surfacing 6.65 mi. Ballinger Rd., Rd. Dist. 3, 16 ft. $60,000. W. E. Dickerson, co. engr.

Tex., Denton — Denton Co., Krum Rd. Dist., making plans and takes bids in summer grading and gravel surfacing 18 mi. road. $34,000. H. T. Brewster, co. engr.

Tex., Jourdanton—Atascosa Co. election soon to vote on $600,000 bonds improving roads. E. D. Scott, co. judge.

Tex., La Grange—Fayette Co. plans to grade and gravel surface highway in Road Dist. 6. $25,000. J. P. Ehlinger, co. judge. Engineer not selected.

Tex., Navasota—Making plans paving 24,000 sq.yd. streets, various types. $90,000. A. W. Naylor, Navasota, engr.

Tex., Paris—Lamar Co. making plans concrete paving 2.7 mi. State Highway 19, 16 ft., $76,000; rein.-con. paving 1.6 mi. Paris-Blossom, Rd., 16 ft., $48,000; grading, macadam surfacing and 8 in. bituminous topping 16 mi. Bankhead Highway, (State Highway 1) 18 ft., $380,900. W. M. Fooshee, co. engr.

Tex., Waxahachie — Ellis Co. making plans grading, gravel surfacing, bridging, etc., 2.2 mi. State Highway 14, 18 ft. $35,460. W. A. Spalding, Waxahachie, engr.

Okla., Garber—Had plans prepared and soon takes bids paving Dist. 1, various types. $80,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Clerk Oklahoma Co. takes bids about July 1, grading and paving 3 mi. New Castle Rd., 32,000 sq.yd. concrete. $80,000. R. S. James, Courthouse, engr.

Okla., Sayre—Plans grading and paving 5 blocks Bway., Main and 4th Sts., 13,200 sq.yd. concrete, 3,500 lin.ft. curbing, etc. $56,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Vinita—Craig Co. having plans prepared grading and gravel surfacing 20 mi. roads, 90,000 cu.yd. earth excav., 210,000 sq.yd gravel. $100,000. E. Ashby, co. engr.

Calif., Los Angeles—Los Angeles Co. had plans prepared grading and paving Los Angeles St., shaping 12,444 sq.yd. roadway, 3,958 sq.yd. 4 in. asphaltic concrete, 2 in. surface, 8,486 sq.yd. 4½ in. asphaltic concrete, 2½ in. surface, etc.

Calif., Los Angeles—Rejected bids grading and paving Badger Ave. and Dock St. approach to drawbridge. Noted May 17.

Calif., Oroville—Butte Co. having revised plans prepared and soon takes bids surfacing Gridley-Colusa Rd., oil macadam. Former bids rejected. H. H. Hume, co. road engr. Noted May 10.

Ont., Burlington—Soon takes bids 35,000 sq.yd. concrete pavement, 14,000 sq.yd. bituminous macadam and 1,600 ft. concrete curb, on Brant, Ontario, Locust and Caroline Sts. $175,000. Mackay & Mackay, Bank of Hamilton Bldg., Hamilton, engrs.

Ont., Dunnville—Having plans prepared 20,000 sq.yd. concrete or asphalt pavement on concrete with concrete curbs and gutters, $85,000. F. Barber & Associated Ltd., 45 Jarvis St., Toronto, engrs.

Ont., Espanola—Spanish River Pulp & Paper Co. plans paving Spruce and Meade Sts., 17,000 sq.yd. asphalt on 8 in. stone. $65,000. Private plans.

Ont., Port Hope — Had plans prepared 20,000 sq.yd. pavement on Main St., asphalt, concrete or bituminous concrete, 8,500 lin.ft. concrete curb and gutter. $175,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

BIDS DESIRED

Maine—May 31, by State Hy Comn., Augusta, paving 2.245 mi. road in Old Town, concrete; 0.587 mi. in Bridgton, bituminous macadam; 8.75 mi. bituminous macadam or gravel in Naples, and 13.62 mi. gravel surfacing in Mercer, Monson, Smyrna, Easton and Edmunds. P. D. Sargent, ch. engr.

New Hampshire—May 25, by State Hy Comn., Concord, surfacing 1.14 mi. road in Randolph, gravel, and 1.69 mi. in Northumberland, crushed gravel. F. E. Everett, state highway comr.

Massachusetts—May 29, by W. F. Williams, state highway engr., Boston, concrete paving 7,390 ft. road, 18-24 ft., through Adams. To exceed $40,000.

Mass., Pittsfield—May 31, by Clerk Bd. Pub. Wks., City Hall, paving North, Center and Fenn Sts. A. B. Farnham, engr.; adv. this issue.

Rhode Island—June 6, by State Bd. Pub. Roads, State House, Providence, paving highway, Federal Aid Project 17, Div. A in North Providence and Lincoln, Contr. 2304; adv. this issue.

N. Y., Babylon—June 4, by Bd. Village Trustees, approximately 29,000 sq.yd. concrete pavement. J. B. Cooper, clk.; adv this issue.

N. Y., East Aurora—May 29, grading, curbing and paving Fillmore Ave., brick, asphalt or asphaltic block, and laying storm sewer in Whaley Ave. G. C. Diehl, 576 Ellicott Sq., Buffalo, engr. Noted Apr. 5.

N. Y., Newburgh—June 4, by W. J. McKay, city mgr., paving Renwick and South Sts., vitr. hillside brick or rein.-con.; adv. this issue.

N. Y., Whitesboro — June 1, improving streets, 2,200 cu.yd. excav., 3,800 lin.ft. curb and gutter, 3,800 cu.yd. concrete pavement, 3,800 lin.ft. 3 in. vitr. tile. To exceed $25,000. W. G. Stone & Son, Mann Bldg., Utica, engrs.

N. J., East Orange—May 28, by Mayor and Boro Council, curbing and paving 18,500 sq.yd. North 19th and Oak Sts., Greenwood and Tremont Aves., sheet asphalt, national or warrenite bitulithic, $81,000; furnishing and applying 60,000 gal. or any part thereof bituminous road binder to streets. W. D. Willigerod, City Hall, engr. Noted May 3 and 10.

N. J., Newark—May 31, by T. L. Raymond, dir. Dept. Streets & Pub. Impvts., asphalt resurfacing 88,543 sq.yd. Richlieu and Fessenden Places, Lafayette, Clinton, North 7th, Nursery, Park, Pennington, Somerset, 4th and South 15th Sts., Belmont, Gould, Madison, Summer, Cedar, Isabella, Speedway, Ridgewood and 2nd Aves., Peck Ave. from 2nd to 3rd Aves., Peck Ave. from 2nd to 1st Aves. $285,406.

N. J., Red Bank—June 4, by Boro Council, concrete and sheet asphalt paving Peters Pl., concrete paving Drummond Pl. and Oakland St. G. K. Allen, Jr., 60 Broad St., engr.; adv. this issue.

N. J., Woodbury—See "Railways" under New Jersey.

Pennsylvania—June 7, by State Hy. Dept., Harrisburg, reconstructing 27 mi. and resurfacing 30 mi. roadway. P. D. Wright, state comr.; adv. this issue.

Pennsylvania—June 8, by State Hy. Dept., Harrisburg, reconstructing 21 mi. and resurfacing 36 mi. roadway. P. D. Wright, state comr.; adv. this issue.

Pa., Pottsville—June 12, paving and improving portions of several streets. J. H. Strauch, city engr.; adv. this issue.

Pa., Sharon—May 29, brick or sheet asphalt pavement on concrete, 1,470 sq.yd. Ohio St., 7,200 sq.yd. Elm Ave., 1,630 sq.yd. Woodrow Court, 1,530 sq.yd. Case Ave., 5,930 sq.yd. Highland St., 4,640 sq.yd. Cedar Ave., 2,440 sq.yd. Prindel St. and 12,960 sq.yd. Stambaugh Ave.; resurfacing with sheet asphalt 3,000 sq.yd. South Oakland Ave., 300 sq.yd. South Water Ave.; application of hot asphalt on 5,800 sq.yd. West State St. F. S. Williams, city clk.

Pa., Shenandoah—June 1, paving various streets; adv. this issue.

Delaware—June 6, by State Hy. Dept. at its office, Dover, improving 3.557 mi. highway, on Contr. CK-5, 5.59 mi. Contr. CK-7; 0.738 mi. Contr. CK-12. 6.3 mi. Contr. CK-15, etc.; adv. this issue.

Virginia—June 7, by State Hy. Dept., Richmond, paving, bridging, etc., 4.4 mi. Project F 247, Hanover Co.; 6.6 mi. Project F 166 D, Hanover Co.; 11.07 mi. Project F 157 B, Charles City Co.; 6 mi. Project S 285, Prince Edward Co.; 3.95 mi. Project S 65, Rockbridge Co.; 2 bridges over Craigs Creek, Project S 196, Craig Co.; bridge over Spoon Creek, Project F 227, Patrick Co. H. G. Shirley, chn.; adv. this issue.

West Virginia—June 12, by State Rd. Comn., Charleston, grading, paving and bridges in various counties. E. B. Carskadon, secy.; adv. this issue.

Streets and Roads (Continued)

S. C., Laurens—June 1, by Laurens Co. grading and topsoiling 6 mi. State Route 10, Federal Aid Project 170, 35,606 cu.yd. exca. and 19,332 cu. yd. topsoil.

S. C., Spartanburg—May 31, by Spartanburg Co. Highway Comn., grading and surfacing 1.818 mi. State Route 10, 17,578 sq. yd. asphaltic concrete or sheet asphalt surfacing, 19,165 sq.yd. combination concrete header, curbing and base course or 19,165 sq.yd. concrete, etc., also rein.-con. bridge having three 27 ft. spans, etc., on above road.

Georgia — June 6, by State Hy. Dept., East Point, improving Cornelia-Lula Rd., Hall Co.; 11,691 cu.yd. top soil, 40,637 cu. yd. earth excav., etc.; concrete paving 4 mi. La Grange-West Point Highway, Troup Co. W. R. Neel, c/o State Hy. Dept., Atlanta, engr.

Alabama—June 5, by W. S. Keller, state highway engr., Montgomery, grading and surfacing 1.32 mi. road from Dublin to Orion, Montgomery Co., 79,652 cu.yd. common excav., 28,828 sta.yd. overhaul, alternate bids on surfacing (1) 26,200 cu.yd. gravel, 502,200 cu.yd. ½ mi. units overhaul, (2) 59,770 sq.yd. one course concrete, 16,760 cu.yd. sand-clay shoulders (3) 40,000 cu.yd. sand-clay surfacing; alternate bids on bridges on above road (1) using treated timber, 230,080 ft. treated timber structures, 8,000 lin.ft. treated timber piles, 3,308 sq.yd. 1½ in. bituminous surfacing, cold mix (2) using concrete, 1,669 cu.yd. concrete, 235,581 lb. reinforcing, 3,848 lin.ft. concrete piles, 1,714 sq.yd. 1 in. concrete surfacing, 1:2:3½ mix.

Louisiana—June 5, by State Hy. Dept., Reymond Bldg., Baton Rouge, grading, gravel surfacing, and bridge on 11.35 mi. Project 89, Sect. A, Point Coupee Parish. J. M. Fourmy, ch. engr.

O., Cleveland—May 31, grading, curbing and paving West Blvd., Union Ave. S. E., East 82nd and East 84th Sts. To exceed $25,000. R. Hoffman, 618 City Hall, engr.

O., Columbus—May 29, grading, laying necessary water services and sewer connections and paving 4,663 ft. Sydney St., alley west of Chicago Ave., alley north of Vermont Ave., alley north of 4th Ave., alley west of Henry St., second alley north of King Ave., alley north of 3rd Ave. and alley west of Galloway Ave., brick, concrete or asphalt. R. H. Simpson, city engr.

O., Columbus—May 31, by Franklin Co., grading and waterbound macadamizing 2.95 mi. Hard Rd., 16 ft., Perry and Sharon Twps., $61,344; 0.85 mi. Harrison Rd., 18 ft., Franklin Twp., $14,930. C. C. Lattimer, Court House, co. surv.

O., East Cleveland (Cleveland P. O.)—June 15, by C. A. Carran, city mgr., improving various streets; adv. this issue.

Ind., Boonville—June 5, by Comrs. Warrick Co., grading and gravel surfacing highway in Anderson Twp. $44,661. H. G. Whittinghill, aud.

Ind., Boonville—June 7, by Auditor Warrick Co., paving 42,681 sq.yd. Leslie Rd., waterbound macadam, $93,900; grading and gravel surfacing 2.6 mi. Wieble Rd., 18 ft. $25,050. S. Bohanan, Boonville, engr.

Ind., Evansville—June 7, by Auditor Vanderburgh Co., concrete paving 80,626 sq.yd. Henderson Rd. $209,628. R. W. Meissinger, Evansville, engr.

Ind., Jeffersonville—June 1, by Comrs. Clark Co., resurfacing 5.7 mi. William Schleicher Rd., Wood Twp. $71,465. K. P. Barnes, co. surv. Noted May 10.

Ind., Laporte—May 26, by Auditor Laporte Co., concrete paving 45,317 sq.yd. Emery Rd., $117,825; 150,382 sq.yd. Johnson Rd., $390,992. P. Summy, Laporte, engr.

Ind., Liberty—June 6, by Auditor Union Co., grading and gravel surfacing 19,272 ft. Kauffman Rd., 18 ft. $30,740. E. J. Douthit, Liberty, engr.

Ind., Portland—May 31, by Auditor Jay Co., stone paving 15.38 mi. Ed. Snyder, Frost, Learned, Stow and Bishop Rds., 18 ft. $137,630. H. Teeters, Portland, engr.

Ind., Rockport—June 5, by Auditor Spencer Co., grading and gravel surfacing 21,221 ft. Haines Rd., 18 ft. $38,657. Z. X. Bennett, Rockport, engr.

Ind., Rockville—June 5, by Comrs. Parke Co., gravel surfacing 14,245 ft. B. A. Wimmer Rd., Adams Twp. $26,395. L. Bramblett, aud.

Ind., Rushville—June 7, by Rush Co., paving 26,850 sq.yd. Jesse Havens Rd., waterbound macadam. $52,565. F. Catt, Rushville, engr.

Mich., Flint—May 28, by Genesee Co. Rd. Comn., grading and surfacing 0.857 mi. Morris St. in Mt. Morris, and 1.128 mi. Center St. in Otisville, both 18 ft. concrete. J. H. Dennis, co. engr.

Mich., Flint—May 29, by Genesee Co. Rd. Comn., grading and surfacing 0.998 mi. State St. in Montrose and 1.018 mi. Bridge and Broad Sts. in Linden, both 18 ft. concrete. J. H. Dennis, co. engr.

Ill., De Kalb — June 1, by Bd. Local Impvts., concrete paving 20,340 sq.yd. Franklin, Grove, 7th and 11th Sts. $75,000. W. M. Hay, Sycamore, engr.

Ill., Edwardsville—May 26 by Bd. Supvrs. Madison Co., concrete paving road from St. Jacobs to Marine, 42,240 sq.yd. concrete, 14,080 cu.yd. excav. $135,000.

Ill., Sycamore — May 31, by Bd. Local Impvts., concrete paving 5,700 sq.yd. Charles St. and 1,920 sq.yd. Elmwood St. $30,000. W. M. Hay, city engr.

Wisconsin—May 31, by State Hy. Comn. at div. office 6, First Natl. Bank Bldg., Superior, surfacing, etc. Hayward-Minog Rd., Washburn Co., 18,275 cu.yd. topsoiling; Couderay-Hayward Rd., Sawyer Co., 16,016 cu.yd. topsoiling; Frederick-Luck Rd., Polk Co., 4,257 cu.yd. gravel; Bruce-Radisson Rd., Rusk Co., 1,985 cu.yd. topsoiling, also twin span 45 ft. concrete girder bridge. A. R. Hirst, Madison, highway engr.

Wis., La Crosse—June 8, by Bd. Pub. Wks., paving 12 streets, 3 in. brick, asphaltic concrete using natural lake asphalt with asphalt seal coat; same with cement finish; same using manufactured asphalt and asphalt seal coat; same using manufactured asphalt and cement finish, warrenite bitulithic. E. C. Blake, City Hall, engr.

Wis., Madison — May 29, by State Hy. Comn., at div. office 6, 213 South Barstow St., Eau Claire, grading and surfacing Wilson-Knapp Rd., 1,929 cu.yd. gravel, St. Croix Co.; Baldwin-Knapp Rd., 4,267 cu.yd. gravel, St. Croix Co.; Chelsea-Westboro Rd., 5,610 cu.yd. gravel, Taylor Co.; Niellsville-Humbird Rd., 1,043 cu.yd. shale (State aid portion(5,321 cu.yd. granite (Federal aid portion) Clark Co.

Wis., Madison—See "Bridges."

We recently asked some of our friends to tell us how they used Construction News. The response was hearty and helpful. This is to thank them

Wis., South Milwaukee—May 29, by Bd. Pub. Wks., 19,800 sq.yd. bituminous, brick or asphalt paving, 4,500 cu.yd. grading and bridge on Rawson Ave., incl. 530 cu.yd. concrete. G. Staal, city engr.

Ia., Albia—June 1, by Auditor Monroe Co., grading 9 mi. from here northwest, and 1 mi. on Albia Rd. extension to Primary Project, 124,360 cu.yd. excav. $30,000. E. Seidel, co. engr.

Ia., Eldora—May 31, by Auditor Hardin Co., grading and gravel surfacing 11.9 mi. Garden City, Steamboat Rock-Cleve and Hubbard-Lawn Hill Rds., 26 ft., 72,080 cu. yd. excav. and 95,702 cu.yd. gravel. J. H. Maher, co. engr.

Ia., Lake City—June 1 by City Clerk, 25,000 sq.yd. concrete paving, 600 lin.ft. straight and 10,500 lin.ft. combined curb and gutter, 4,300 cu.yd. excav., etc. $80,000. W. E. McClure, Rockwell City, engr.

Ia., Osage—May 29, by Auditor Mitchell Co., gravel surfacing 13.175 mi. primary road west and northwest of here, 26 ft. 20,-550 cu.yd. gravel, etc. C. P. Goplerud, co. engr.

Ia., Rockwell City—May 29, by Auditor Calhoun Co., surfacing 14.5 mi. road, 26 ft., 21,750 cu.yd. gravel, etc. W. E. McClure, co. engr.

Ia., Sioux City—May 29, by Auditor Woodbury Co., grading 16.21 mi. road from Moville east toward Correctionville, 26 ft., 247,000 cu.yd. excav. $65,000. J. C. McLean, co. engr.

Ia., Waterloo—June 4, for new paving, resurfacing, etc. R. B. Slippy, city engr.; adv. this issue.

Minn., St. Paul—June 4, by G. J. Ries, aud. Ramsey Co., and B. Wallner, city clk. of West St. Paul, paving South Wabasha and Dodd Rd., Joint Project 23-51, in Dakota Co., 9,893 sq.yd. one course concrete, 2,375 cu.yd. excav., 1,180 lin.ft. straight and radius curb, etc. $30,000. P. N. Coates, 900 Guardian Life Bldg., St. Paul, co. surv.

N. D., Fessenden—June 1, by Auditor Wells Co., 18.067 mi. earth road, 9 acres clearing and grubbing, 122,965 cu.yd. excav., west of Dover; also 16.8 mi. earth road, 35,264 cu.yd. excav., north and south of Harvey. W. G. Black, c/o State Highway Dept., Bismarck, engr.

Mo., University (St. Louis P. O.)—June 12, paving ½ mi. Delmar Blvd., 36 ft., wood block or asphalt; center of street car tracks to be paved with dressed granite. $35,000. W. A. Heimbuecher, 7250 Shaftesbury St., engr. Noted Mar. 15.

Tex., Ft. Worth—May 31, by Tarrant Co., gravel surfacing 9.51 mi. Forest Hill-Rendon Rd., 14 ft. $35,000. D. A. Davis, co. engr.

Tex., Glen Rose—May 31, by Somervell Co. grading, gravel surfacing, etc., 5.86 mi State Highway 10-A, 16 ft., $38,000; 3.42 mi. State Highway 3, 18 ft. base, 16 ft. bituminous top, $69,935. A. C. Pancoast, co.

Tex., Paris — May 29, by W. Dewey, judge Lamar Co., grading and gravel surfacing, etc., 7.58 mi. State Highway 19, 12 ft., $54,205; furnishing, hauling, spreading, etc., 6,500 cu.yd. gravel on State Highway 35, $30,000; grading and concrete paving 4.05 mi. State Highway 19, 18 ft., $110,000; paving with 1 course concrete, 1.59 mi. State Highway 5, 18 ft., $48,000. W. M. Fooshee, co. engr.

Tex., Richmond—June 4, by C. D. Myers, judge Fort Bend Co., grading and constructing 18 bridges, over 20 ft. span, on 15.14 mi. State Highway 3, 30 ft. $158,380. C. H. Kendall, co. engr.

Tex., San Antonio—May 31, by A. McCloskey, judge Bexar Co., grading, gravel surfacing and 1 in. bituminous topping 3.42 mi. State Highway 3, 18 ft. base, 16 ft. top. $69,935. A. C. Pancoast, co. engr.

Okla., Oklahoma City—May 29, by City Clerk, grading and paving 1 mi. Agnew Ave. 22,500 sq.yd. asphalt, 9,000 lin.ft. concrete curbing, etc. $95,000. B. M. Hart, city engr.

Washington—June 12, by State Hy. Comn. Olympia, gravel surfacnig 15 mi. Ocean Beach Highway from Pallx to Nasel, Pacific Co.; grading and gravel surfacing 5 mi. Sunset Highway from Falls City to Snoqualmie, King Co. J. Allen, state highway engr.

California—June 4, by State Hy. Comn., Sacramento, grading and concrete paving 1 mi. highway between Fish Canyon Rd. and Azusa, Los Angeles Co. R. M. Morton, state highway engr.

Calif., Fresno — City Council receiving bids grading, concrete curbing, guttering, sidewalks and paving Poplar Ave. between Olive and Elizabeth Sts., 34,054 sq.ft. grading, 31,160 sq.ft. asphalt, etc. W. Stranahan, city engr. Noted Apr. 26.

Calif., Los Angeles—June 11, by Bd. Pub. Wks., grading and paving road between Coast Blvd. and Hyperion Sewage Plant, 34,132 cu.yd. excav., 63,766 sq.ft. concrete. Noted May 17.

Calif., San Rafael—June 5, by Supervs. Marin Co., grading Manzanita and Bolinas Co. Rds., 18,780 cu.yd. excav., etc.; Steep Ravine Bolinas Rd., 15,139 cu.yd. excav., etc.

Calif., Taft—City Council receiving bids curbing, sidewalks and surfacing 4th St., 67,000 sq.ft. 1½ in. warrenite on 3½ in. black base, etc. $25,000. E. M. Lynch, Central Bldg., Los Angeles, engr.

Ont., Sandwich—May 28, by W. P. Coyle, clk. Essex Co., 2 mi. pavement in Sandwich West Twp. and ¾ mi. in Mersea Twp., both 18 ft. wide, 29,000 sq.yd. rein.-con. $85,000. J. J. Newman, Davis Blk., Windsor, engr.

British Columbia—May 31, by Minister of Pub. Wks., Victoria, grading 1 mi. road, 18 ft., between Stewart and Hyder on Alaska boundry. $35,000. P. Philip, Dept. Pub. Wks., Victoria, engr.

BIDS RECEIVED

Mass., Holyoke — Bd. Pub. Wks., resurfacing, with asphalt, Main, Cabot, Lyman and Dwight Sts., from Daniel O'Connell Sons, 480 Hampden St., $1.50 per sq.yd. for 2½ in., and $1.55 for 3 in. Engrs. est. $30,000. Noted May 3.

New York—F. S. Greene, comr. State Hy. Dept., Albany, May 16, improving and reconstructing 2.52 mi. Highway 5684 Chatham-Valatie, Part 1, Columbia Co., from Lane Constr. Corp., 37 Colony St., Meriden, Conn., $114,978, engrs. est. $121,315; 3.14 mi. Repair Contr. 3050, Ulster-Delaware, Part 3, Ulster Co., and 3.94 mi. Highway 1666 Glens Falls-East Lake George, Part 1, Warren Co., from E. J. Anderson, Albany, (street address not available) $118,570 and $130,527 respectively, engrs. ests. $119,983 and $135,508 respectively; 3.38 mi. Highway 1577-A West Corners-Redwood, Jefferson Co., from McCarthy & Rock, Antwerp, $146,009, engrs. est. $124,-775; 2.83 mi. Repair Contr. 1369, Gouverneur-Edwards, Part 1, St. Lawrence Co., from Hogeboom & Campfield, Kingston, (street address not available) $128,035, engrs. est. $131,230; 0.92 mi. Highway 1667 Canajoharie Village: Reed, Walnut, Rock and Wheeler Sts., Montgomery Co., from Conroy-Nixdorf Constr. Co., Onelda (street

Streets and Roads (Continued)

address not available) $42,553, engrs. est. $42,573; 4.82 mi. Repair Contr. 1367, Falls Mills-Callicoon, Sullivan Co., from J. H. Gordon, 91 North Pearl St., Albany, $85,770, engrs. est. $93,470; 3.28 mi. Highway 5664 Weedsport-Jordan, Part 1, Cayuga Co., and 4.9 mi. Highway 1669, Wolcott-Savannah, Parts 1 and 2, Wayne Co., from F. H. Wells, Savannah, $130,470 and $184,357 respectively, engrs. ests. $135,540 and $197,727 respectively; 1.35 mi. Repair Contr. 1368, Watkins-Yates Co. line, Schuyler Co., from L. H. Willis and F. A. Frost, Watkins, $54,-111, engrs. est. $58,195. Noted May 3.

N. Y., Brooklyn—E. Riegelmann, boro pres., Boro Hall, May 16, grading (1) Bath Ave., sheet asphalt paving (2) Cedar Pl. (3) Clara St. (4) East 10th St. (5) East 37th St. (6) Tapscott St. (7) Union St. (8) 10th Ave. (9) 17th Ave. (10) 19th Ave. (11) 70th St. (12) 78th St., curbing and paving (13) Linden St., from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., (1) $10,318 (5) $5,111; Borough Asphalt Co., 1301 Metropolitan Ave., (2) $10,617 (7) $7,939; Uvalde Asphalt Paving Co., 1 Bway., New York, (3) $4,959 (6) $6,001 (12) $8,034; Cranford Co., 52 9th St., (4) $9,848 (8) $3,582 (9) $11,534 (10) $3,922 (11) $7,412; Necaro Co., Inc., 97 Court St., (13) $84,317. Noted May 10.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., May 16, curbing, recurbing, flagging, reflagging and asphalt paving (1) Clinton Ave. (2) Perry Ave., asphalt paving (3) Ditmars Ave. (4) 4th Ave., grading, curbing and laying sidewalks on (5) Locust St., from Uvalde Asphalt Paving Co., 1 Bway., New York, (1) $19,764 (2) $24,144 (3) $24,800 (4) $13,687; A. A. Johnson Corp., Queens Blvd., (5) $12,478. Noted May 10.

N. Y., Syracuse—Bd. Contr. & Supply, May 15, paving Renwick, Oakwood and East Raynor Aves., (a) asphalt (b) bituminous concrete, from F. J. Baker, University Blk. (a) $20,973; G. B. Dickinson, Union Bldg., (b) $20,767.

N. J., Newark — Curbing and paving Eaton Pl. and Grand Ave., from Standard Bitulithic Co., 50 Church St., New York City, $14,676 and $10,994 respectively; Freeman Ave., from Franklin Contg. Co., 20 Washington Pl., $10,241. Noted May 10.

Pa., Ebensburg—Comrs. Cambria Co., May 16, rebuilding 17,902 ft. Cresson Pike Rd., brick on concrete, from Bell Bockel Co. Inc., 543 Vine St., Johnstown, $202,982. Noted May 3.

Pa., Erie—Asphalt pavements on 29th St., from J. and M. Doyle Constr. Co., Erie, $11,232; Cherry St., from M. A. McCormick, Erie, $20,554.

Maryland—State Rds. Comn., Baltimore, May 15, concrete surfacing 3 mi. Contr. M-25A, Montgomery Co., from G. B. Mullin Co., 1296 Upshur St., N. W., Wash., D. C., $31,469; 9,200 sq.yd. Contr. AA-32, Anne Arundel Co., from F. W. Steahle & Bro., Annapolis, $36,665; 17,900 sq.yd. Contr. K-22, Kent Co., from Old Line Constr. Co., Chestertown, $50,968; 12,500 sq.yd. Contr. Ho-33, Howard Co., from Thomas, Bennett & Hunter, Westminster, $67,391; 9,800 sq.yd. Contr. M-41, and 9,400 sq.yd. Contr. M-37, Montgomery Co., from M. J. Grove Lime Co., Lime Kilns, $37,976 and $30,715 respectively; 7,100 tons rein.-con. base and 7,000 tons bituminous macadam surface, Contr. W-25, Washington Co., from H. W. Kaylor, Hagerstown, $89,820; 12,300 sq.yd. concrete surfacing Contr. Ce-44, and 19,-300 sq.yd. Contr. Ce-46, Cecil Co., from Broad Creek Constr. Co., Elkton, $40,576 and $52,736 respectively; 18,500 sq.yd. Contr. G-25, Garrett Co., from F. A. Dennison Co., 260 10th St. N. W., Wash., D. C., $69,433. Noted May 3.

Md., Baltimore—Bd. Awards, May 16, 11,725 sq.yd. concrete and 610 sq.yd. vitr. block, Contr. 235 OCNA, from Ryan Constr. Co., Real Estate Trust Bldg., Phila., $36,-742; 42,090 sq.yd. vitr. block, etc., Contr. 236 OCNA, from P. Flanigan & Son, Hartford Rd. and Baltimore & Ohio R.R., $207,-675. Noted May 10.

Ky., Ludlow—Paving 3,000 ft. Elm St., from Henkel & Sullivan, 105 Bell Block, Cincinnati, O., using bitulithic pavement $16,047, rein.-con. $16,322, brick $20,997, granite $32,822; Murdock Constr. Co., 4611 Main St., Norwood O., brick $19,967. Noted Apr. 26.

O., Columbus—Franklin Co., 2.78 mi. Harbord Rd., 18 ft., Sharon and Blendon Twps., from D. W. Botkins & Son, 767 South 22nd St., oil $78,664, tar $80,503; 1.46 mi. Borror Rd., 18 ft., Jackson Twp., from Kinnear & Barricklow, Central National Bank Bldg., waterbound macadam $30,358. Noted May 10.

Illinois—Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, May 11, paving roads (1-53-14 Massac) means Bond Route 1, Federal Aid Project 53, Sect. 41, Massac Co. (1) 4.93 mi. 1-53-41 Massac (2) 3.7 mi. 2-0-76 Winnebago (3) 2.68 mi. 4-0-11 Livingston (4) 3.17 mi. 7-55-12 Bureau (5) 3. 65 mi. 7-55-13 Bureau (6) 0.38 mi. 7-7-1-3 La Salle (7) 0.92 mi. 8-0-2C Warren (8) 6.06 mi. 13-57-8 Saline Co. (9) 3.7 mi. 30-64-12 Stark (10) 2.68 mi. 4-Comb. A-1 Livingston (incl. 1 bridge) (11) 6.82 mi. 7-Comb. B Bureau; grading (12) 53,590 cu.yd. 1-0-2A White (13) 37,140 cu.yd. 1-0-3A White (14) 152,230 cu.yd. 1-0-28A White (15) 87,560 cu.yd. 1-0-38A Johnson (16) 198,990 cu.yd. 1-0-39A Massac (17) 89,165 cu.yd. 1-0-40A Massac (18) 56,665 cu.yd. 2-0-21A Fayette (19) 122,595 cu.yd. 2-0-22A Fayette (20) 118,745 cu.yd. 2-0-37A Ogle (21) 4,920 cu.yd. 2-0-43A Christian (22) 7,790 cu.yd. 2-0-44A Christian (23) 18,775 cu.yd. 2-0-45A Christian (24) 8,655 cu.yd. 2-0-46A Christian (25) 10,165 cu.yd. 2-0-47A Macomb (26) 51,865 cu.yd. 2-0-48A Macomb (27) 34,355 cu.yd. 2-0-55A McLean (28) 47,585 cu.yd. 2-0-62A McLean (29) 41,980 cu.yd. 2-0-63A McLean-Woodford (30) 49,805 cu.yd. 3-0-19A Rock Island (31) 49,264 cu.yd. 3-0-52A Greene (32) 133,090 cu.yd. 3-0-59A Jersey-Madison (33) 41,790 cu.yd. 3-0-60A Madison (34) 19,815 cu.yd. 3-0-67A Monroe (35) 66,510 cu.yd. 3-0-74A Randolph (36) 89,560 cu.yd. 3-0-75A Randolph (37) 44,590 cu.yd. 5-0-24A Jo Daviess (38) 87,025 cu.yd. 5-0-25A Jo Daviess (39) 26,215 cu.yd. 5-0-26A Jo Daviess (40) 275,-600 cu.yd. 7 and 29-7R Bureau (41) 27,920 cu.yd. 7-55-R1 Bureau (42) 16,645 cu.yd. 7-55-14A Bureau (43) 202,470 cu.yd. 12-0-9A Richmond-Clay (44) 68,845 cu.yd. 12-0-13A Marion (45) 222,445 cu.yd. 16-0-21A Montgomery (46) 62,865 cu.yd. 24-0-4A Christian (47) 36,650 cu.yd. 25-0-10A Wayne (48) 79,115 cu.yd. 28-0-10A Henry (49) 27,725 cu.yd. 33-0-1A Crawford (50) 107,720 cu.yd. 34-0-1A Saline (51) 69,130 cu.yd. 34-0-2A Saline (52) 140,788 cu.yd. 34-0-3A Pope-Hardin (53) 65,858 cu.yd. 34-0-4A Hardin (54) 279,085 cu.yd. 34-0-5A Hardin (54a) 34,320 cu.yd. 3-0-69A Monroe (54b) 30,726 cu.yd. 3-0-70A Randolph-Monroe (55) 242,960 cu.yd. 1-0-Comb. C White (56) 375,715 cu.yd. 1-0-Comb. D Johnson-Massac (57) 179,260 cu.yd. 2-0-Comb. E, Fayette (58) 102,170 cu.yd. 2-0-Comb. H Christian-Macomb (59) 89,565 cu.yd. 2-0-Comb. I McLean-Woodford (60) 174,880 cu.yd. 3-0-Comb. J Jersey-Madison (61) 156,-070 cu.yd. 3-0-Comb. K Randolph Co. (62) 157,830 cu.yd. 3-0-Comb. L, Jo Daviess (63) 320,165 cu.yd. 7-0-Comb. M Bureau (64) 344,943 cu.yd. 34-0-Comb. O. Hardin (65) 662,581 cu.yd. 34-0-Comb. P Saline-Pope-Hardin, from M. Hayes & Son, Janesville, Wis., (1) $125,003 (11) $178,800. G. Welch, Beloit, Wis. (2) $69,120. Trompeter & Sons, Peru, (6) $12,722. Monmouth Gate and Mfg. Co., Monmouth, (7) $26,441. C. E. Hamilton, Carbondale, (8) $135,850. C. S. Upham, Pontiac, (3) $60,556 (10) $92,-246. Harrison Eng. & Constr. Co., Wichita, Kan. (street address not available) (4) $83,013 (5) $97,077. McElwee & Rogy, Peoria, (9) $88,908. Cameron, Joyce & Co., Keokuk, Ia. (24) $11,695 (27) $17,566 (55) $130,405 (62) $104,050. F. E. Harvey & Co., Memphis, Tenn. (street address not available) (14) $80,435. C. B. Mautz, Benton, (12) $34,374 (13) $18,875. Buis & Olson, St. Joseph, (17) $48,042 (56) $168,000. H. Schwitzer, Marion, (15) $40,969 (54a) $23,258 (54b) $23,773 (52) $68,552. Cash Valley Dredging Co., Karnak, (16) $72,282. S. J. Groves & Sons Co., Globe Bldg., Minneapolis, Minn., (37) $32,014 (38) $52,794 (40) $166,460 (41) $14,164 (42) $8,361. Jenner Bros. Co., Davenport, Ia. (20) $92,-639. C. T. Lair, New Canton, (23) $9,117 A. D. Haum, Richview, (21) $1,763 (22) $2,484. W. C. Meneely Co., 709 North Clay St., Frankfort, Ind., (58) $59,300 I. T. May, 2255 North Union St., Decatur, (25) $12,-231. W. Ammon & Sons, Decatur, (street address not available) (26) $17,827. E. P. Olson, 2901 Monterey St., St. Joseph, Mo., (28) $29,153 (29) $15,057 (59) $39,153. Lamoreaux Bros., 805 Brandeis Theatre Bldg., Omaha, Neb. (30) $25,843 (63) $200,-000. List & Gifford Constr. Co., 415 Ry. Exch. Bldg., Kansas City, Mo., (33) $22,-686. Armstrong Eng. & Constr. Co., Taylorville, (31) $50,999 (46) $23,951. Tripp Bros., Belleville, (34) $18,745 (35) $30,789 (36) $45,540 (61) $74,767. Gates Bros., (address not available) (32) $87,346. J. Adelhofea, Potosi, Wis. (39) $26,435. W. C. Johnson, 512 South High St., Belleville, (18) $24,276 (19) $47,595 (43) $24,188 (57) $71,-000. L. Rich Constr. Co., Metropolitan Bldg., East St. Louis, (50) $49,911 (51) $42,051 (53) $51,362 (54) $143,565 (65) $325,176 Scott & White, Merchant's-Laclede Bldg., St. Louis, Mo. (60) $113,649. Ill & Wilson, Rushville, (64) $230,642. M. Frazier, Louisville, (47) $14,591. Ransom-Sherwood (address not available) (48) $15,620. R. A. Baum, Paris, (49) $18,364. General Constr. Co., Syndicate Trust Bldg., St. Louis, Mo. (45) $23,823. Noted May 3.

Mo., Clayton—St. Louis Co., May 9, grading and paving 12,575 sq.yd. Ozard Trail, from Coopers Constr. Service Co., Federal Reserve Bldg., St. Louis, $37,289. Noted May 3.

Tex., Hemphill — Sabine Co. grading, gravel surfacing, etc., 9,632 cu.yd. State Highway 21, from R. H. Minturn, Hemphill, $39,145. Engrs. est. $45,000. Noted May 3.

Ariz., Tucson—Grading 6 mi. streets south of 17th St. and west of 6th Ave., from G. B. Singleton, Tucson, 49,000 cu.yd. excav. $0.82, 20,000 sta.yd. overhaul $0.05, 72 survey monuments $12.50.

Calif., Berkeley—Grading, curbing, guttering and paving Alcatraz Ave. between Adeline and east city limits, from Hutchinson Co., 1706 Bway., Oakland, 25,800 sq.ft. grading $0.065, 21,600 sq.ft. 7 in. asphaltic concrete pavement $0.31, 1,560 ft. curb and gutter $1.60, etc.

Calif., Los Angeles—Improving Western Ave. between Slauson and Manchester Aves., from Tyron & Brain, Tajo Bldg., lump sum for grading $25,000, 673,600 sq.ft. 6 in. concrete pavement $0.242, 1,217 ft. heavy curb $0.65, 14,940 sq.ft. sidewalks $0.20, sanitary sewer complete $58,000, 18,444 ft. light curb $0.55, total $259,185.

Calif., Visalia—Tulare Co. improving (1) Project A, Lindsay-Tulare Division (a) 67[illegible] cu.yd. excav. (b) 940 cu.yd. concrete (c) 1,787 tons asphaltic concrete surfacing (d) 1,191 tons asphaltic concrete base (e) 598 tons asphaltic concrete surfacing (2) Project B, Goshen South Div., (f) 950 cu.yd. excav. (g) 1,148 cu.yd. concrete (h) 2,200 tons asphaltic concrete surface (i) 1,456 tons asphaltic concrete base (j) 730 tons asphaltic concrete surface (3) Project C, Dinuba West, 4 mi., (k) 1,600 cu.yd. excav. (l) 1,948 cu.yd. concrete (m) 3,607 tons asphaltic concrete surface (n) 2,424 tons asphaltic concrete base (o) 1,212 tons asphaltic concrete surface, from C. R. Gurdy, Porterville, (1a) $1 (1b) $6.55 (2g) $6.55; J. A. Dowling, Call Bldg., San Francisco, (1c) $6.80 (1d) $7 (1e) $6.65 (2h) $6.80 (2i) $7 (2j) $6.65; Clark & Henery Constr. Co., 38 South Sutter St., Stockton, (1a) $1; N. Lovelace, Visalia, (2f) $0.90; Valley Paving & Constr. Co., 113 North Court St., Visalia, (3k) $1.25 (3l) $9.75; T. A. Hanrahan, Call Bldg., San Francisco, (3m) $6 (3n) $6 (3o) $6.

CONTRACTS AWARDED

Mass., Boston—Bitulithic paving about 1 mi. Breck Ave., Holton St., Boulevard and Commonwealth Terraces, in Brighton, to S. J. Tomasello, 11 Cushing Terrace, Dorchester (Boston P. O.), $46,891.

Connecticut—State Hy. Comn., Hartford, paving road, 25,000 sq.yd. concrete, in Greenwich, to W. H. Arthur, Washington Bldg., Stamford, $108,000; 6,000 ft. in Glastonbury, 18 ft., waterbound macadam, to D. Arrigoni & Bro., Middletown, $28,000; 4,000 ft. in Westport, 18 ft., bituminous concrete, to Silliman & Godfrey Co., 133 Admiral St., Bridgeport, $43,000.

N. Y., Belmont—Allegany Co. will pave with bituminous macadam 24 mi. highways in towns of Allen, Granger, Hume, Centerville, Genesee, Wirt, Scio, Cuba, Andover, Alma, Angelica, Birdsall, Caneadea, Clarksville, Grove and Willing by day labor under supervision of H. Craig, co. supt. highways, $170,000.

N. Y., Buffalo—To Rock Asphalt Paving Co., Morgan Bldg., asphalt paving Olive St. $18,385, South Elmwood Ave. $24,961, Niagara St. $130,130; to H. P. Burgard Co., 1968 Fillmore Ave., asphalt paving Lathrop St. $18,030, Sanford St. $8,700, Hazel Pl. $15,000, Amsterdam Ave. $11,285, Fleming St. $29,345.

N. Y., Lynbrook—Bd. Trustees Incorporated Village, rein.-con. pavement on certain streets, Contrs. 1, 2 and 3, to Good Roads Eng. & Contg. Co., Portchester (street address not available), $2.65 per sq.yd. Noted Apr. 19.

N. J., Newark — Purchasing Agent Essex Co., grading and paving 31,500 sq.yd. Chancellor Ave., asphalt on concrete, to J. B. Gilligan Casey Co., 919 Broad St., $100,-945. Engrs. est. $110,213. Noted Apr. 12.

N. J., Trenton—Asphalt paving Greenwood, Bellevue, Prospect, Chestnut, Tyrell and Mulberry Sts., to J. J. Barrett, 601 Greenwood Ave., $127,000; cement paving New York, Mulberry and Olden Aves., to A. Delucia, 52 Bayard St., $86,000. Noted May 10.

Maryland—State Rds. Comn., Baltimore, paving 2.22 mi. road, Baltimore City, sheet asphalt, Contr. B-56, to P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R., Baltimore, $48,541.

Streets and Roads (Continued)

Md., Baltimore—City Council, paving 9,300 sq.yd. St. Paul St., asphalt, to P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R., $49,367; 16,270 sq.yd. Contr. 233 NA, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $73,574. Noted May 10.

Virginia—State Hy. Comn., Richmond, 46,839 cu.yd. excav., Project F 98 A, to W. W. Tuck & Sons, Virgilina, $32,930; 134,086 cu.yd. excav., Project F 281, Route 114, to Clintwood Contg. Co., Clintwood, $135,332; 69,348 cu.yd. excav., Project F 265, Route 11, to R. Martin Co., Salem, $125,342; 2,644 cu.yd. excav., Project F 264, Route 12, to Tunstall Johnston Co., City Bank Bldg., Norfolk, $101,922; 63,617 cu.yd. excav., Project F 266, Route 14, to W. W. Boxley, Roanoke, $75,217; 124,350 cu.yd. excav., Project 287, Route 1141, to Jones & Comb, Abingdon, $120,089; 6,375 cu.yd. excav., Project S 254, Route 12, to T. G. Franklin, Bassett, $39,769; 39,715 cu.yd. excav., Project F 294, Route 21, to W. H. Clarke Co., Charlottesville, $133,394; 48,540 cu.yd. excav., Project F 292, Route 21, to L. W. Johnston, Arlington, $23,332; 18,631 cu.yd. excav., Project 134, Route 14, and 61,232 cu.yd. Project F 227, Route 12, to C. E. Hester, Greensboro, N. C. $22,112 and $49,918 respectively. Noted Apr. 26.

West Virginia—State Rd. Comn., Charleston, grading and rock asphalt surfacing 3 mi. Walton-Kanawha Co. Line Rd., Project 3240, Roane Co., to W. McCormick, 361 Kendall Ave., Youngstown, O., $95,991, 8.7 mi. Mile Branch Rd., Projects 3044, 3179 and 3135, Kanawha Co., to A. Keathley, Prof. Bldg., Charleston, $331,515; grading 2.5 mi. Ravenswood-Sandyville Rd., Project 3132 A, Jackson Co., to Cooper, Piper & Co., Charleston (street address not available), $52,683, 6 mi. Alderson-Pence Springs Rd., Projects 3270 and 3056, Summers Co., to Langhorne & Langhorne, 1028 4th Ave., Huntington, $87,217. 5.8 mi. Crum-Bull Creek Rd., Project 3189, Wayne Co., to C. E. Price, 2750 Division St., Huntington, $141,355. 7 mi. New Hall-Virginia Rd., Project 3230, McDowell Co., to J. M. Lipscomb & Bro., Camden-on-Gauley, $110,071. 8.4 mi. Pigeon Creek-Horsepen Rd., Projects 3171 and 3120, Logan and Mingo Counties, to S. T. Waller & Co., Williamson, $218,828, 10 mi. Elk River Rd., Project 3206, Kanawha Co., to Brown & Floyd, Lowenstein Bldg., Charleston, $203,270, 10 mi. Clendenin-King Schools Rd., Project 3231, Kanawha Co., to White & Wood, Roanoke, Va., $219,611, 5 mi. Clintonville-Alta Rd., Project 127 B, Greenbrier Co., to Dougher-Boone Constr. Co., Charleston (street address not available), $90,180. 8 mi. Ravenseye-Rainelle Rd., Project 3185, Fayette Co., to Waugh Bros., St. Albans, $111,720; grading and bituminous macadam paving 5 mi. Hinton-Jumping Branch Rd., Project 1067 A and B, Summers Co., to Dayton Constr. Co., Elkins, $262,413. 6.8 mi. Ansted-Hico Rd., Project 3178, Fayette Co., to H. Renick, Williamsport, O., $246,139. Noted Apr. 12.

W. Va., Huntington—Paving 5th Ave. from 13th to 16th Sts., asphalt filler on 6 in. concrete, to Hatfield Constr. Co., 418½ 10th St., $26,056.

W. Va., Kingwood—Preston Co. paving 1¼ mi. Kingwood-Reedsville Rd., bituminous macadam on broken stone, to Rich Constr. Co., Weston, $35,935.

N. C., Albermarle—Paving various streets, 50,000 sq.yd. sheet asphalt, to Asheville Paving Co., Asheville, $165,000.

N. C., Greensboro—Guilford Co. surfacing 4½ mi. Battle Ground Rd., warrenite on 5 in. concrete, to R. G. Lassiter Co., Oxford, $115,000.

S. C., Sumter—Sumter Co. paving 21 mi. Oswego, Wakefield and Pocallo Rds., sheet asphalt on 5 in. concrete, to Pritchard-Raines-Hazelhust Co., Savings Bank & Trust Bldg., Savannah, Ga., Slattery & Henry, Mills Bldg., Greenville, and Powell Paving & Contg. Co., Palmetto Bank Bldg., Columbia. Engrs. est. $600,000.

B. C., Victoria—Paving 1½ mi. Johnson St. from Alston St. to bridge, 8 in. reinforced con., to M. P. Cotton Co. Ltd., Cambie Bridge, Vancouver, $52,688.

Fla., Brooksville—Hernando Co., sand clay surfacing (local material) 20 mi. road in Jeny Kilpatrick Special Road and Bridge Dist., to Mickler & McLeod, Stovall Bldg., Tampa, $70,000. Noted Apr. 26.

Fla., St. Petersburg—Brick paving ½ mi. and concrete sidewalks on 5 mi. roads in Allendale Terrace, Forest Hill Dr., 34th Ave. N., and Euclid Ave. E., to Georgia Eng. Co., St. Petersburg, cost plus percentage basis. Est. cost $30,000.

Tenn., Dyersburg—Paving Main, Connell, McGaughey, Mill and Harton Sts., asphalt, to Rhodes & Eller Paving Co., Capitol Blvd., Nashville, $70,000.

Kentucky—State Hy. Dept., Frankfort, grading 8.867 mi. Pikeville-Floyd Co. Line Rd., State Project 6, Sect. B, Pike Co., to Sutton Constr. Co., Ashland, $159,734. 4.42 mi. East Point-Prestonburg Rd., State Project 6, Sect. A, Floyd Co., to Hunt Forbes Constr. Co., Ashland, $96,677. 19.618 mi. Louisa-Lowmansville Rd., Federal Aid Project 28, State Project 6, Sect. B, Lawrence Co., to Hatfield Constr. Co., 418½ 10th St., Huntington, W. Va., $356,172. 11.297 mi. Paintsville-Lawrence Co. Line Rd., State Project 6, Sect. A, Johnson Co., to M. A. Wheeler, 405 East Scott St., Knoxville, Tenn., $212,189; surface treating 9.416 mi. Whitley City-Tennessee State Line Rd., State Project 22, Sects. B and C, McCreary Co., to Southern Oil & Tar Co., Clay and Fulton Sts., Louisville, $12,387; waterbound macadam paving 9.416 mi. Whitley City-Tennessee State Line Rd., State Project 22, Sects. B and C, McCreary Co., to Connolly Constr. Co., Somerset, $239,894. Noted May 17.

Ohio—Dept. Highways and Pub. Wks., Columbus, grading, bridging and paving roads in following counties: **Adams Co., Sect. "C" W. Union-Hillsboro Rd.**, 5.698 mi., waterbound macadam, to Miller & Miller, Martinsville, $92,053; **Ashland Co., Sect. "D" Ashland-Medina Rd.**, 2.962 mi., brick, to D. A. Phillips & Son, Ashland, $140,729; **Clark Co., Sect. "B" Dayton-Lakeview Rd.**, 1.545 mi., bituminous macadam, asphalt, to H. E. Pratt Constr. Co., Mt. Blanchard, $39,569; **Clark Co., Sect. "1-2" Springfield-Washington C. H. Rd.**, 2.06 mi., concrete, to C. Bird, Springfield (street address not available), $47,855; **Darke Co., Sect. "G" Celina-Greenville Rd.**, 1.999 mi., rein.-con., to Hinton & Smalley, Celina, $58,281; **Erie Co., Sect. "R" Milan-Elyria Rd.**, 1.57 mi., rein.-con., to Homeberger-Wagar Co., Sandusky, $58,300; **Fairfield Co., Sect. "D" Cincinnati-Zanesville Rd.**, 2.766 mi., rein.-con., to Radabaugh-Graham Co., 209 South Cassidy Ave., Bexley, Columbus, $105,326; **Gallia Co., Sect. "H-1" Gallipolis-Jackson Rd.**, 3.8066 mi., bituminous macadam, tar, to Miller Bros., Gallipolis, $112,170; **Hardin Co., Sect. "I" Findlay-Kenton Rd.**, 1.628 mi., Kentucky rock asphalt, to P. B. Putnman, Van Wert, $45,627; **Hardin Co., Sect. "J" Findlay-Kenton Rd.**, 1.81 mi. and **Hardin Co., Sect. "K" Findlay-Kenton Rd.**, 2.996 mi., both Kentucky rock asphalt, to Laubis Stone Co., Kenton, $40,007 and $82,240, respectively; **Huron Co., Sect. "P" Columbus-Sandusky Rd.**, 3.541 mi., to R. M. Myers, Attica, brick, $139,368; **Mercer Co., Sect. "A" Celina-Van Wert Rd.**, 3.776 mi. and **Mercer Co., Sect. "A" Celina-Van Wert Rd.**, .252 mi., both concrete, to Hinton & Smalley, Celina, $87,234 and $5,867, respectively; **Ottawa Co., Sect. "G" Oak Harbor-Genoa Rd.**, 1.357 mi., rein.-con., to H. E. Witte & Son, Elmore, $37,207; **Richland Co., Sect. "C" Mansfield-Wooster Rd.**, 2.624 mi., brick, to Dorsey Constr. Co., Findlay, $153,008; **Tuscarawas Co., Sect. "A" Canton-Canal Dover Rd.**, 3 mi. and **Tuscarawas Co., Sect. "B" Canton-Canal Dover Rd.**, 2.299 mi., both rein.-con., to C. G. Fuller, Canal Dover, $93,877 and $68,650, respectively; **Tuscarawas Co., Sect. "E" Canton-Canal Dover Rd.**, 2.093 mi., rein.-con., to P. Christiansen Sons, 1355 Yale Ave., N. W., Canton, $64,628; **Vinton Co., Sect. "G-3" McArthur-Athens Rd.**, .464 mi., rein.-con., to Mariner & Sands, Athens, $16,233; **Warren Co., Sect. "Mason" Cincinnati-Columbus Rd.**, .87 mi., bituminous macadam, asphalt, to Brunson & Van Horne, Cincinnati (street address not available), $29,864; **Mahoning Co., Sect. "L" Youngstown-Salem Rd.**, 1.001 mi., bituminous macadam, asphalt, to Trumbull Constr. Co., Warren, $10,742; **Columbiana Co., Sect. "Salineville" Wellsville-Salineville Rd.**, .565 mi., grading, to Kane Bros., Lisbon, $17,151; **Vinton Co., Sect. "M" McArthur-Gallipolis Rd.**, grading, etc., to Anderson & Brown, Chillicothe, $25,593; **Portage Co., Sect. "F-2" Ravenna-Louisville Rd.**, 2.59 mi., grading, to W. G. Reimund, Holgate, $8,957; **Ashland Co., Sect. "D"** bridges, to D. A. Phillips & Son, Ashland, $14,070. Noted May 17.

O., Cedarville—Paving 10,000 sq.yd. Main St., brick on concrete, to Lloyd Contg. Co., Xenia, $35,000. Engrs. est. $40,000. Noted Apr. 19.

O., Cleveland—Grading, curbing and paving East 55th St. and Way Ave., 2,650 lin.ft. stone curb and 4 in. tile drain gutter, 1,880 cu.yd. earth excav., 1,190 sq.yd. vitr. brick, 3,330 sq.yr. granite block, 4,520 sq.yd. concrete base, to Rieley Bros., The Arcade, $38,063; Shaw Ave., asphalt, to Highway Constr. Co., 903 Lorain Co. Bank Bldg., Elyria, $14,412; West 9th St. and Henritze Ave., both brick, to Roehl Bros. Paving & Constr. Co., West 25th St., and Clark Ave., $781 and $6,738 respectively; Schrade Ave., brick, to H. G. Herring, Pavers Exch., Society for Savings Bldg., $4,913; East 76th St., brick, to Bentley Bros., Union Bldg., $14,500.

O., Columbus—W. H. Duffy, dir. Pub. Serv., to B. F. Patterson, 1214 Neil Ave., grading, curbing, laying necessary water services and sewer connections and paving with asphalt 1,992 ft. Dunedin Rd. $32,251. 1,030 ft. Irving Way $15,407, 958 ft. Medbrook way $11,486; to R. J. Dienst, 480 South 5th St., concrete paving 577 ft. alley north of Stewart Ave. $6,080, 394 ft. Capitol St. $2,513, 360 ft. Rush alley $3,250, 740 ft. alley west of Glen Echo Dr. $4,080; to Yale Constr. Co., 146 Yale Ave., concrete paving 483 ft. 2nd alley north of Oak St. $2,390. Noted May 10.

Indiana—State Hy. Dept., Indianapolis, concrete paving 48,308 sq.yd. Federal Aid Rd. 49, Sect. B., Steuben Co., to J. C. O'Connor & Son, Ft. Wayne (street address not available), $99,611; 41,609 sq.yd. Federal Aid Rd. 52, Sect. B, Vigo Co., to Kerr & Murphy, Bloomington, $77,273. Noted May 17.

Ind., Evansville—Vanderburgh Co., concrete paving 23,525 sq.yd. Evansville—Princeton Rd., to O. Edmond, Evansville, $63,789. Engrs. est. $65,451. Noted Apr. 5.

Ind., Greencastle—Putnam Co., paving 28,440 sq.yd. C. H. Crosby Rd., waterbound macadam, to W. Dorsett, Greencastle, $50,768, engrs. est. $54,956; 30,660 sq.yd. S. W. Hunter Rd., waterbound macadam, to Hoffstetter, Martin & Higham, Greencastle, $63,724, engrs. est. $68,980. Noted May 17.

Ind., Hammond—Lake Co., grading and graveling 2.95 mi. Fred Schlueter Rd., 18 ft., to Acme Constr. Co., Valparaiso, $25,469. Engrs. est. $28,500. Noted Apr. 5.

Ind., Indianapolis—Asphalt paving 17,736 sq.yd. Illinois St., to Amer. Concrete Co., 420 East 17th St., $32,107. Engrs. est. $36,420.

Ind., Indianapolis—Paving with asphalt on concrete, 42,272 sq.yd. 29th St., to Mansfield Eng. Co., 1011 Fletcher Savings & Trust Co., $96,017, engrs. est. $103,000; 21,686 sq.yd. Columbia Ave., to Indiana Asphalt Paving Co., 2810 Columbia Ave., $43,384, engrs. est. $47,000; 15,530 sq.yd. Bancroft St., to Union Asphalt Constr. Co., Lemcke Bldg., $30,315, engrs. est. $34,220; 9,888 sq.yd. Delaware St., to Indiana Asphalt Paving Co., Columbia Ave., $25,453, engrs. est. $28,420.

Ind., Indianapolis—Marion Co., paving 2.9 mi. Schilling Rd., 30 ft., gravel and stone, to W. P. Rigdon, Fountaintown, $30,412. Engrs. est. $32,636. Noted May 17.

Ind., Rochester—Fulton Co., grading and gravel surfacing 3.9 mi. County Line Rd., 18 ft., to W. O'Connor, Culver, $25,888. Engrs. est. 28,210.

Ind., Terre Haute—Concrete paving 10,431 sq.yd. Cherry St., to Foulkes Co., 705 Ohio St., $27,120. Engrs. est. $34,000.

Ind., Winchester—Randolph Co., concrete paving 36,911 sq.yd. Bailey Rd., to Dull Bros., Arcanum, O., $68,895. Engrs. est. $72,107.

Wis., Elkhorn—Walworth Co. Road and Bridge Com., gravel surfacing Delavan-Millard Rd., to H. Johnson, Stoughton, $15,307; East Troy-Beulah Rd., (Janesville Plank), to F. C. Wiswell, Elkhorn, $11,902.

Wis., Milwaukee—Dept. Pub. Wks. paving various streets, etc., to Milwaukee General Constr. Co., 427 Mitchell St. 1,455 ft. concrete curb and gutter on Clarence St. $1,662; to Dean Constr. Co., 382 East North Ave., 1,788 ft. concrete curb and gutter on Pryor Ave. $2,119; to Kroening Constr. Co., 39th Ave. and Mitchell St., 9,050 sq.yd. concrete on Austin St. $26,865, 1,206 sq.yd. concrete on Montana St. $4,379, 8,234 sq.yd. vibrolithic concrete on Bishop Ave. $24,829; to A. Retzloff, 948-4th St., 3,722 sq.yd. concrete on Ische Pl. $16,694; to Badger Constr. Co., 97 Wisconsin St., 35,872 sq.yd. asphaltic concrete, 152,594 sq.ft. cement walks on 44th, 45th, 47th, 48th and 50th Sts. $131,592, 428 sq.yd. asphalt on Meinecke Ave. $2,006, 3,437 sq.yd. asphalt on 10th St. $15,118, 3,687 sq.yd. asphalt on Wright St. $16,324.

Wis., Milwaukee—Milwaukee Co. Road and Bridgee Com., concrete surfacing, etc., Wauwatosa Ave. No. 3, to J. Bluhm & Sons, 1298 Achilles Pl., $76,870; Lovers Lane Rd. No. A, to Milwaukee General Constr. Co., 427 Mitchell St., $83,326; Rawson Ave. No. 1, to R. H. Gumz, 831 13th Ave. $48,436. Noted May 10.

Ia., Clear Lake—For 28,035 sq.yd. concrete paving, 2,224 lin.ft. curb and 3,588 cu. yd. excav., to Anderson & Empie Constr.

Streets and Roads (Continued)

Co., Tremont Blk., Marshalltown, $69,159. Noted Apr. 19

Ia., Harlan—Sheet asphalt paving 25 blocks, to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, $2.78 per sq.yd. Engrs. est. $75,000. Noted Jan. 11.

Minn., Minneapolis—Bd. Park Comrs., laying 101,000 lin.ft. colored concrete curb, to Nelson-Endbloom Constr. Co., 917 Plymouth Bldg., $0.45 per ft. Noted May 10.

Kan., Hiawatha — Brown Co. grading Federal Aid Project 151, to Roberts & Reynolds, Sabetha, $39,403. Noted Apr. 12.

Mont., Glendive — **Grading and paving** 0.97 mi. Merrill Ave., Federal Aid Project 199, 10,000 sq.yd. paving and 4,000 cu.yd. excav., to McGuire & Blakeslee, Great Falls, $44,994. Noted Mar. 29.

Mont., Helena—Bitulithic resurfacing 15 blocks Main, 6th and State Sts., Neill Ave. and Bway., to Birch & Sons, Ford Bldg., Great Falls, $45,118. Noted May 3.

Mo., St. Charles—St. Charles Co. will grade and construct bridges on Marthasville Rd. from Femme Osage Creek to Matson $21,234, grade, bridges and gravel surface Marthasville Rd. from junction between Howell and Hamburg to Femme Osage Creek $27,809, gravel surface Black Walnut Rd. from line of St. Charles and Portage des Sioux Twps. to Portage des Sioux $64,445, grade Marthasville Rd. from Augusta to Warren Co. line $6,355, bridges on Marthasville Rd. from Callaway Creek to Augusta city limits, $20,587, by force account under direction of F. R. Jacoby, co. engr.

Mo., St. Louis—Bd. Pub. Serv., City Hall, May 15, to Eyerman Constr. Co., 1216 South Grand Ave., concrete paving 715 sq.yd. alley C. B. 2953 $1,943, 1,575 sq.yd. C. B. 4067 $4,128, 950 sq.yd. C. B. 4711 $2,612, 865 sq.yd. C. B. 5643 $2,349, 1,850 sq.yd. C. B. 5665 $5,033, 2,020 sq.yd. C. B. 5666 $5,469; to F. A. Stiers, 4500 Enright Ave., 520 sq.yd. C. B. 3710B $1,630; to Hoffner Coal & Constr. Co., 715 South Vandeventer St., 660 sq.yd. C. V. 4427 $3,037, 1,430 sq.yd. C. B. 4501-N $3,925, 1,775 sq.yd. C. B. 5013-E $4,870, 1,730 sq.yd. C. B. 5143 $4,474, 580 sq.yd. C. B. 5257 $1,513; to Blackburn & Creamer, Syndicate Trust Bldg., 1,305 sq.yd. C. B. 5545 $3,743, 1,305 sq.yd. C.B. 5578 $3,982, 935 sq.yd. C. B. 5659 $2,405. Noted Apr. 26.

Tex., Uvalde—Uvalde Co., grading, gravel surfacing, etc., 14.11 mi. San Antonio-Del Rio Highway, 18 ft., to Evans & Greathouse, West 6th St., Austin, $37,368; rein.-con. drainage structures for above, to M. H. Ryland, Uvalde, $9,712; 41,729 cu.yd. gravel to be furnished by county. Engrs. est. $60,000. Noted Apr. 12.

Oklahoma — State Hy. Dept., Oklahoma City, grading and gravel surfacing 4.5 mi. Federal Aid Project 58, Wagoner Co., 22,000 cu.yd. excav., 55,000 sq.yd. gravel, and 6.5 mi. Federal Aid Project 57, Mayes Co., 31,000 cu.yd. excav., 70,000 sq.yd. gravel, to Froebe, Grovelle, Hamblin Co., Muskogee, $56,091 and $75,514 respectively.

Nevada—State Hy. Dept., Carson City, grading, gravel surfacing, etc., Winnemucca-Toll House Rd., Humboldt 8-A, Federal Aid Project 76, Humboldt Co., Contr. 76, to K. Hedgman, Klamath Falls, Oregon, $88,919; Toll House-Paradise Hill Rd., Humboldt 8-B, Federal Aid Project 71, Humboldt Co., Contr. 77, to J. Ross, Yerington, $71,055. Noted May 17.

Ore., Portland—For 2 in. asphaltic concrete pavement on 4 in. concrete, to A. D. Kern, Railway Exch. Bldg., East 55th St. $2,493, East 58th St. $7,560 and East 59th St., $9,747; to Municipal Asphalt Paving Co., City Hall, East 24th St. $8,267, East 21st St. $8,007, East 22nd St. $5,506, Killingsworth Ave. $1,225 and 32nd Ave. $2,795. Noted Apr. 19.

Calif., Anaheim—Improving Miles Park Tract, to Griffith Co., Los Angeles Ry. Bldg., Los Angeles, 240,000 sq.ft. 1½ in. asphaltic concrete surface on 3½ in. asphaltic concrete at $0.22 per sq.ft., 49,000 sq.ft. walks $0.18, 12,309 ft. curb $0.50, etc., total $76,710.

Calif., Bakersfield — Grading, curbing, guttering and paving with 1½ in. warrenite bitulithic on 3½ in. asphaltic concrete portions 20th, 21st and R Sts., to J. A. Dowling, Call Bldg., San Francisco, $76,664. Noted May 10.

Calif., Los Angeles—To Griffith Co., Los Angeles Ry. Bldg., grading and paving Highland Ave., 161,520 sq.ft. grading, 160,059 sq.ft. asphalt pavement, etc., $77,552, Gaffney St., 91,649 sq.ft. asphalt and 1,877 sq.ft. concrete pavement, etc., $34,172. Noted May 17.

Calif., Los Angeles—Supervs. Los Angeles Co., grading, curbing, laying sidewalks and paving Ocean Ave., $180,526 sq.ft. 5 in. concrete, etc., to H. H. Peterson, Loma Portal, $60,700. Noted Apr. 26.

Calif., San Diego—Common Council, paving Goldfinch, Bush and Ibis Sts., 152,432 sq.ft. 1½ in. asphaltic concrete on 2½ in. bituminous, etc., to Griffith Co., 25 14th St., $24,347. Noted May 17.

Ont., Elora—H. Clark, city clk., 13,900 sq.yd. concrete pavement, to W. C. Brennan Co., Melrose Ave., Hamilton, $30,000. Noted May 3.

Ont., Oshawa—Asphalt surfacing 4,500 ft. Gleddon Ave., Huron, Taylor and Clark Sts., mostly 24 ft. wide, to Standard Paving Co., Central Chambers, Ottawa. Engrs. est. $30,000. Noted Nov. 9.

Ont., Toronto—To asphaltic Concrete Co. Ltd., Excelsior Life Bldg., concrete curbs on 8th, Glenlake, Haig and Hanson Sts., Meagher, Mount Royal and Primrose Aves., Oakdene Crescent and Indian Rd., $0.75 per lin.ft.; to Murphy Contg. Co., 8 Wychwood Ave., concrete sidewalks on Chesterhill Rd., Glebeholme Blvd., Atlas, Coxwell, Slade and Woodington Aves., prices range from $1.15 to $2.03 per ft.; to Grant Contg. Co., 50 Front St. E., concrete sidewalks on Evelyn Ave. and Glendonwynne Rd., $2.05 per ft.; to Dept. Pub. Wks. City Hall, curbs and sidewalks on 30 various streets by day labor. Total est. $100,000.

Ont., Toronto—To Kilmer & Barber, 24 Adelaide St., west Toronto, asphalt pavements on concrete base on Meagher Ave. $2,601, Oakdene Crescent $7,291, to Constr. & Paving Co. Ltd., Confederation Life Bldg., Campbell Ave. $4,108, Indian Rd. $8,677, Primrose Ave. $18,778, Symmington Ave. $5,279, Wade Ave. $6,845, to Works Dept., City Hall, Carrick Ave. $3,149, Copeland Ave. $4,721, 8th Ave. $13,437, Haig Ave. $7,985, Hanson St. $8,234, Kenwood Ave. $2,733, Keystone Ave. $5,539, Linsmore Crescent $4,651, Rosemount Ave. $6,072; asphaltic concrete pavement, concrete curbs and gutters, to Works Dept., City Hall Drofnas St. $4,486, Glenlake Ave. $14,569; bitulithic pavements, to Warren Bituminous Paving Co. 54 University Ave., Bingham Ave. $9,384, Hammersmith Ave. $3,354, Oakcrest Ave. $8,724, to Works Dept., City Hall, Aldridge Ave. $8,893, Bingham Ave. $15,412, Bracken Ave. $10,220, Cambridge Ave. $6,014, Chesterhill Rd. $19,646, Durie St. $7,736, Fairmount Crescent $12,825, Hammersmith Ave. $9,131, Harris Ave. $16,272, Mount Royal Ave. $13,402, Pryor Ave. $5,227, Rosethorn Ave. $8,632, Strathmore Blvd. $18,686, Swanick Ave. $7,426.

Industrial Work

PROPOSED WORK

Mass., Gardner—Hedstrom—Union Co., Main St., plans 4 story, 65 x 200 ft. factory, brick and timber, Main St. $150,000. Private plans.

R. I., Providence—S. Priest, c/o Imperial Printing & Furnishing Co., Bellefont (Providence, P. O.), plans 1 story, 150 x 285 ft. garage and service station, Elmwood Ave. $150,000. Engineer and architect not selected.

R. I., Providence—E. Radding, 144 Westminister St., plans 2 story garage and service station, brick, North Main, Frost and Nashua Sts. $75,000. B. S. D. Martin, 36 Weybosset St., archt.

R. I., Providence—What Cheer Stables Co., Benefit and Meeting Sts., plans 2 story garage addition, brick. $75,000. Engineer and architect not announced.

Conn., Bridgeport—A. L. Clark Co., 1490 Main St., plans garage, showroom and service station, Fairfield Ave. $150,000. Engineer and architect not selected.

Conn., New Haven—National Folding Box Co., James St., having revised plans prepared by Wescott & Mapes, Inc., archts. and engrs., 207 Orange St., 5 story, rein.-con. and brick addition to factory. $175,000. Noted Aug. 18.

Conn., Waterbury—Waterbury American Republican Inc., Printers Court, having plans prepared by Lockwood, Greene & Co., archts. and engrs., 101 Park Ave., New York City, 4 story, 50 x 60 ft. plant, concrete and steel, plain foundation, Printers Court. $165,000. Noted Feb. 1.

N. Y., New York—De Rose & Cavalieri, archts. and engrs., 37 East 149th St., preparing plans 2 story, brick, steel and concrete garage, plain foundation. 133rd St., near Southern Blvd. $50,000. Owners name withheld.

N. Y., New York—O. W. Wurtz, c/o Schwartz & Gross, archts. and engrs., 347 5th Ave., soon takes bids 4 story, brick, steel and concrete factory, plain foundation, 1502 3rd Ave. $75,000.

N. Y., Saratoga Springs—Baker Mfg. Corp. plans additions to foundry and machine shop. $100,000-$125,000. J. F. Lorce, genl. mgr.

Pa., Bedford—Bedford Rustic Furniture Co. plans 2 story and basement, brick plant, Main St. $70,000.

Pa., Bedford—Gulf Refining Co. plans 1 story and basement, 60 x 240 ft. oil and gasoline station, rein.-con., West Pitt St. $60,000.

Pa., Slatington—American Slate Co., plans to rebuild plant recently destroyed by fire. $100,000.

Pa., Williamsport—F. A. Romich, 736 West 4th St., plans 2 story and basement, 40 x 208 ft. brick and steel storage house, West 4th and Walnut Sts. $150,000.

Va., Pulaski—Coleman-Vaughn Furniture Co. making plans mill. $100,000. Engineer and architect not announced.

Va., Richmond — Boughman Stationery Co., 1244 West Broad St., had plans prepared by Carneal & Johnston, Chamber of Commerce Bldg., 2 story, 30 x 180 x 260 ft. concrete and brick. $200,000.

N. C., High Point—Lucas Lumber Co. plans machine shop, power house and mill. $250,000. Engineer not selected.

N. C., Walnut Cove—City plans electric light and power plant. $100,000. Engineer not selected.

N. C., Washington—J. N. Swindell Co. plans packing plant and power house. $100,000-$125,000. Engineer not selected.

Ala., Russellville—City Comrs. plan electric light and power plant. $45,000. A. N. Falls, pres.

Tenn., Milan—City Council plans extensions and additions to light and power plant. $40,000.

Ky., Lancaster—Kentucky Utilities Co., M. E. Taylor Bldg., Louisville, plans to construct ice plant and double capacity power plant, here. $50,000. G. T. Bogard, ch engr

Ky., Louisville—United State Shoe Co., Cincinnati, O. plans additions and improvements to factory, Rowan St., here. $50,000. Address L. A. Holters, 1122 Rowan St., Louisville, local mgr.

Ky., Paducah—Paducah Electric Co. plans improvements and extensions to power plant. $300,000.

O., Akron—See "Miscellaneous."

O., Cleveland—Cleveland Ry. Co., Hanna Bldg., had plans prepared by L. P. Bale, c/o owner, 1 story, 28 ft. high, 54 x 62 ft., automatic sub-stations, brick, steel and concrete. $1,000,000.

O., Cleveland — B. G. Russell, 10539 Euclid Ave., had plans prepared by G. A. Grieble Co., Sloan Bldg., 1 story, 90 x 115 ft., brick and steel garage, East 22nd St. and Marion Ave. $40,000.

O., Columbus — Columbus White Motor Truck Co., Central National Bank Bldg., plans 1 story, 100 x 115 ft., sales and service station, brick and steel, West Broad St. $45,000. C. J. Bassett, mgr.

O., Mingo Junction—Pennsylvania R.R. Pennsylvania Sta., Pittsburgh, plans extensions and additions to shops and yards, also 1 story machine work shop, etc., here. $500,000. W. D. Wiggins, ch. engr.

Ind., Huntingburg — Patoka Furniture Mfg. Co. plans addition to factory, brick. $100,000. Engineer and architect not selected.

Mich., Detroit—Pittmans & Dean Co., 1255 Griswold St., plans 2 story, 71 x 285 ft. brick and steel plant, Broad St. $50,000.

Ill., Chicago—Chicago, Rock Island & Pacific Ry., La Salle St., plans additions to fuel, water and filtration stations, and improvement to shops, on system. $400,000. L. C. Fritch, vice pres., in charge of construction and maintainence.

Ill., Granite City—Commonwealth Steel Co., Granite City, had plans prepared by company architects, 1 and 2 story steel plant, incl. pattern shop, extension to power plant, new coke oven building, metal pattern shop, additions to foundry and core room, also new furnace, 75 ton steel daily capacity. $1,000,000.

Ill., Kewanee—Making plans addition to electric light plant, incl. power unit generators for street lighting system. $125,000. Burns & McDonnell, Interstate Bldg., Kansas City, Mo., engrs.

Wis., Antigo—Antigo Canning Co. plans 1 story addition to cannery, brick and timber. $40,000. Private plans. $40,000.

Wis., Cudahy—Milwaukee Vinegar Co., 79 Buffalo St., Milwaukee, having plans prepared by E. R. Liebert, 432 Bway., Milwaukee, 2 story, 50 x 150 ft., brick, steel and concrete dry house, plain foundation, here. $60,000.

Industrial Works (Continued)

Wis., Green Bay — Foeller, Schober & Stephenson, archts., Nicollet Bldg., rejected bids 2 story, 60 x 132 ft., newspaper plant, brick and concrete, plain foundation, for Green Bay Newspaper Co. 315 Cherry St. $150,000. Will readvertise. Noted May 10.

Wis., Manitowoc—City having plans prepared by F. Alter, engr., City Hall, 1 story, 60 x 90 ft. addition to water and light plant, brick, rein.-con. and steel, plain foundation. $40,000.

Wis., Milwaukee—Pittsburgh Plate Glass Co., 205 Lake St., soon takes bids 5 story and basement, 92 x 140 ft., brick and concrete addition, plain foundation, Lake St. Kirchoff & Rose, 221 Grand Ave., archts.

Wis., Oconto—I. Telford making plans 1 story, 47 x 125 ft. garage and repair shop, brick, rein.-con. and steel, plain foundation. $40,000. Private plans. Noted Apr. 26.

Wis., Sheboygan—D. and D. Hanger & Panel Co., 722 Jefferson Ave., having plans prepared by W. C. Weeks, 720 Ontario Ave., 4 story, 80 x 80 ft., brick, rein.-con. and steel factory, plain foundation, 15th and Georgia Sts. $40,000.

Ia., Iowa Falls—Cerro Gordo Brick and Tile Co., c/o C. Q. Snyder, Iowa Falls, plans brick and concrete factory. $40,000. Private plans.

N. D., Fargo—Great Northern R.R., 534 Metropolitan Life Bldg., St. Paul, Minn., plans 10 stall round house, 200 ton coal chute, 70 ft. cinder pit, 80 ft. turntable and 4,500 ft. trackage. $187,000. A. H. Hogeland, St. Paul, Minn., ch. engr.

Mo., Fulton—See "Waterworks."

Mo., St. Louis—Trade Realty & Investment Co., La Salle Bldg., plans 3 story, 100 x 125 ft. sales building and garage, rein.-con. and brick, plain foundation, Washington Ave. $125,000. Engineer and architect not announced. Owen-Baskett Co., 3339 Locust St., lessee.

Tex., Dallas—V. J. Brannon, 4319 Elm St., soon takes bids 3 story, 74 x 143 ft. factory, concrete, brick, stone and steel, plain foundation, Peak and Bryan Sts. $60,000. H. A. Overbeck & Co., 306 Melba Theater Bldg., engrs. and archts.

Tex., Dallas—J. J. Lyons, c/o J. A. Fitzinger, archt., 808 Southwestern Life Bldg., soon takes bids 6 story, concrete, brick and steel, plain foundation, Carter and Hord Sts. $90,000. R. O. Jameson, 1618 Amer. Exch. National Bank Bldg., engr.

Tex., Ft. Worth—South West Portland Cement Co., Two Republics Bldg., El Paso, making plans and takes bids about Aug. 4 constructing plant, rein.-con., along tracks Houston & Texas Central R.R., here. $1,500,000. O. J. Binford, c/o owner, engr. Noted April 19.

Tex., Ft. Worth—White Eagle Oil & Refining Co., F. & M. Bldg., plans additions to refinery, rein.-con., concrete pile foundation, 40th and North Main Sts. $150,000. C. C. Durkee, c/o owner, engr.

Tex., Ft. Worth—Transcontinental Oil Co., W. T. Waggoner Bldg., had plans prepared additions to refinery, rein-con. and brick, plain foundation, Mt. Olivet Rd. $200,000. W. D. Batchelder, c/o owner, engr.

Tex., Ft. Worth—National Lumber & Creosoting Co., Texarkana, making plans large creosoting lumber plant, here. $300,000. Private plans.

Tex., Ladonia—C. H. Woods & Co. had plans prepared and takes bids in summer cotton gin. $40,000. Engineer and architect not announced.

Ont., Wroxeter—Bainton Bros. plan to rebuild plant recently destroyed by fire. $50,000.

Calif., Berkeley—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, has plans prepared 1 story sub-station, concrete and steel, here. $50,000. Private plans.

Calif., Huntington Beach—California-Pacific Textile, Inc., plans cotton mill. To exceed $1,000,000. T. Talbert, c/o Courthouse, Santa Ana, interested.

Calif., Los Angeles—Chanslor-Lyon Co., 1200 South Grand Ave., having plans prepared by W. L. Schmolle, archt., 40 Montgomery St., San Francisco, and Noice & Merrill, engrs., Washington Bldg., Los Angeles, 3 story and basement, 60 x 170 ft. warehouse, rein.-con. 15th St. and Grand Ave. To exceed $75,000.

Calif., Los Angeles—R. H. Arnold, 830 McGarry St., having plans prepared by J. M. Cooper, Marsh-Strong Bldg., 5 story warehouse, rein.-con., McGarry St. To exceed $250,000.

Calif., Los Angeles—Chanslor & Lyon, 1200 Grand Ave., having plans prepared by A. S. Heinemann, San Fernando Bldg., 3 story, 110 x 165 ft. auto supply building, rein.-con., 15th St. and Grand Ave.

Calif., Oakland.—See "Miscellaneous."

Calif., San Francisco—Northwest Lead Co., 1742 4th St., Seattle, Wash., plans fabricating plant, here or near here. To exceed $300,000. F. W. Bradley, Crocker Bldg., pres.

BIDS DESIRED

Mass., Lowell—Lockwood, Greene & Co., engrs., 24 Federal St., Boston, taking bids 40 x 100 ft. forge shop, here, for Saco-Lowell Shops, Dutton St.

Pa., Latrobe—Railway Steel Spring Co., 30 Church St., New York City, taking bids 1 story, 178 x 1,000 ft. machine shop, brick, cement tile and steel. $300,000. Private plans.

La., Lecompte—June 12, by W. H. Jones, mayor, and Bd. Aldermen, extending electric light and power plant, incl. installation 2 crude oil engines, air compressor, service pumps, 8 in. well, etc. $45,000. Swanson-McGraw Inc., United Fruit Bldg., New Orleans, engrs.

Wis., Madison—P. Dean, archt., Dean Bldg., taking bids 2 story, 66 x 224 ft., garage and repair shop, brick, rein.-con. and steel, plain foundation, for Gill Bros., c/o A. Gill, 452 West Wilson St. $80,000. Noted May 10.

Calif., Los Angeles — Norton & Wallis, archts., Pacific Finance Bldg., receiving bids 2 story (ultimately 3 story), 125 x 375 ft. warehouse, brick, 5th St. and Santa Clara Ave., for Eastern Outfitting Co., 620 South Main St.

Calif., Los Angeles—A. C. Martin, archt., Higgins Bldg., receiving bids 4 story and basement, rein.-con. warehouse, Grand Ave. and 35th St., for May Corp., c/o architect. To exceed $250,000. Noted Apr. 26.

Calif., San Francisco—Rekins Fireproof Storage Co., 13th and Mission Sts., receiving bids 7 story warehouse, rein.-con., Geary St. and Emerson Ave. $100,000. E. T. Flaherty, I. W. Hellman Bldg., Los Angeles, archt. Noted Apr. 5.

BIDS RECEIVED

Mich., Detroit—Pub. Lighting Comn., Atwater St., four 20,000 kw. turbo units for new power plant, from Allis-Chalmers Mfg. Co., West Allis, Milwaukee, Wis., $1,247,000.

CONTRACTS AWARDED

R. I., Providence—S. Bomes, 60 Dorrance St., will build 1 story, 100 x 100 ft. garage, brick and steel, plain foundation, Warrenton St. and Elmwood Ave., by day labor. $40,000. G. H. Wolf, 308 Caesar Misch Bldg., archt. Noted Mar. 22.

Conn., Bridgeport—H. J. Platt, 388 Fairfield Ave., 1 story, 107 x 176 ft. garage, brick and steel, plain foundation, Fairfield Ave., to Marsh Bros. Co., 51 Buckingham St. Archts. est. $50,000. Noted Mar. 29.

Conn., Buckland—E. E. Hilliard Co., Inc., Buckland Court, 1 story, 55 x 136 ft. dyehouse, brick and timber, plain foundation, to Manchester Constr. Co., Main St., South Manchester. Archts. est. $40,000.

Conn., Hartford—I. A. Allen, Jr., Inc., archts., 100 Farmington Ave., 80 x 100 ft. garage, rein.-con. and brick, plain foundation, to Southern New England Contg. Co., Warrenton Ave., for Brown-Thompson Co., Main St. Archts. est. $40,000. Noted May 3.

Conn., Hartford—H. Bland, 521 Park St., 1 story, 50 x 120 ft. garage, brick and steel, plain foundation, to H. Palten, 128 Earl St. Archts. est. $40,000. Noted May 3.

Conn., Hartford—Standard Oil Co. of New York, Wawarme Ave., 1 story, 40 x 120 ft. garage, brick and steel, to R. W. Smith Constr. Co., 375 7th Ave., New York City. Archts. est. $45,000.

Conn., Middletown — R. W. Magnano, Spring St., 1 story and basement, 50 x 70 ft. garage, brick and steel, plain foundation, Spring St., to S. Mazzotta, 78 Spring St. Archts. est. $40,000.

Conn., Southington—Peck, Stowe & Wilcox, 70 x 100 ft. factory, rein.-con., plain foundation, to H. Wales Lines Co., 134 State St., Meriden. Archts. est. $125,000.

N. Y., Brooklyn—J. Dinowitz, c/o E. M. Adelsohn, archt. and engr., 1778 Pitkin Ave., will build 1 story, brick, steel and concrete garage, plain foundation, St. Marks Ave., by day labor. $50,000.

N. Y., Buffalo—National Biscuit Co., 217 Ellicott St., 7 story, 134 x 205 ft., rein.-con., brick and steel bakery, Urban St., to Turner Constr. Co., 11 Goodell St., $800,000.

Pa., Butler—Eagle Printing Co., 3 story and basement, 60 x 110 ft. brick plant, Main St., to H. Wimer, Butler County National Bank. Archts. est. $150,000.

Pa., Pittsburgh—C. G. Hussey & Co., 2850 2nd Ave., 3 story and basement (ultimately 7 story), 80 x 220 ft. factory, 2nd Ave., to Ferro Concrete Constr. Co., 3rd and Elm Sts., Cincinnati, O. Archts. est. $250,000. Noted Apr. 19.

Pa., Sharon—Air Reduction Sales Co., 120 Bway., New York City, 1 and 2 story and basement, 83 x 122 ft. plant, Washington St., to Hughes-Foulkrod Co., Oliver Bldg., Pittsburgh. Archts. est. $150,000. Noted Apr. 26.

Pa., Wilkinsburg (Pittsburgh, P. O.)—H. R. Heller, 231 South Euclid Ave., Pittsburgh, 1 story, 60 x 80 x 100 ft. brick and steel garage, Johnston Ave., to Walker & Curley, 106 Bridge St., Sharpsburg. Engrs. est. $40,000.

Tenn., Memphis—H. H. Roth Co., 1035 Union St., 5 story, 74 x 146 ft., rein.-con. and brick garage, 3rd and Union Sts., to Blair Constr. Co., Randolph Bldg., $125,000.

Ky., Central City—Barnes Auto Co., Inc., 1 story and basement, 70 x 165 ft. garage, brick, to Raymond Contg. Co., Bowling Green, $40,000. Noted Apr. 5.

Ky., Louisville—United States Foil Co., 2934 Grand Ave., 3 story, 100 x 200 ft. factory addition, 30th St. and Grand Ave., to C. A. Koerner & Co., 318 East Burnett St. Engrs. est. $100,000.

Ky., Louisville—Bourbon Stockyards Co., 1048 East Main St., 2 story, 100 x 300 ft. stock yards building, concrete, 60,000 sq.ft. floor space, Market St., to C. A. Koerner & Co., 318 East Burnett St. Archts. est. $150,000.

O., Cleveland—L. D. Round, Stop 3, A. B. C. Line, 1 story, 54 x 88 x 134 ft., brick and steel garage, plain foundation, Bway. and Round Ave., to J. Pion, 11401 Quincy Ave. Archts. est. $50,000.

Mich., Zilwaukee (Saginaw P. O.)—Consumers Power Co., Jackson, hydro electric power plant, to O. W. Jenkins, 223 South Washington St., Saginaw.

Ill., Chicago—Gutmann & Co., 1511 Webster St., 2 story, 77x190 ft. factory, fireproof, Dominick St. near Garfield St., to J. Kalchbrenner, 133 West Washington St. Archts. est. $150,000.

Ill., Chicago—Wisconsin Steel Co., 106th St. and Torrence Ave., 1 story, 44 x 125 ft. factory, fireproof, to Worden-Allen Co., 208 South La Salle St. Archts. est. $125,000.

Ill., Chicago — Illinois Publishing and Printing Co., Hearst Bldg., 4 story, 124 x 240 ft., plant, fireproof construction, 27th and La Salle Sts., to M. Rauen Co., 111 West Washington St. Archts. est. $250,000.

Ill., Chicago — Independent Supply Co., 1341 West 47th St., 3 story, 96 x 120 ft. storage building, fireproof construction, 1335-1341 West 47th St., to Rowley Bros., 332 South La Salle St. Archts. est. $150,000.

Ill., Chicago—Walker Vehicle Co., 8700 South State St., 1 story, 67 x 352 ft. factory, fireproof construction, 1-57 West 87th St., to Dahl-Stedman, 11 South La Salle St. Archts. est. $100,000.

Wis., Antigo—Antigo Canning Co. will build 3 story, 50 x 90 ft. canning plant, brick, rein.-con. and steel, by day labor. $40,000. Private plans.

Wis., Madison—J. Petersen, 102 South Orchard St., 2 story, 99 x 127 ft., garage and repair shop, brick, rein.-con. and steel, plain foundation, to Wisconsin Constr. Co., 102 South Orchard St. Archts. est. $40,000. Noted May 3.

Wis., Plymouth—Badger State Service Co., 1 story, 40 x 80 ft. garage and repair shop, brick, rein.-con. and steel, plain foundation, to H. Van Wagner, Plymouth. Archts. est. $40,000.

Wis., Rhinelander—Rhinelander Electric Power Co. will build 1 story, 32 x 50 ft. power house, rein.-con., steel and brick, plain foundation, by day labor. $40,000. Mead & Seastone, Journal Bldg., Madison, engrs. Noted Mar. 29.

Mo., St. Louis—Columbia Can Co., 128 Madison St., 2 and 3 story, 265 x 345 ft., rein.-con. and brick factory, plain foundation, Natural Bridge Rd., to Widmer Eng. Co., Laclede Gas Bldg. Archts. est. $500,000.

Mo., St. Louis—Ho-Ro-Co Mfg. Co., 110 Locust St., 3 story, 60 x 100 ft., brick factory, plain foundation, Dodier St., to H. J. Cross, 3531 Newstead Ave. Archts. est. $50,000.

Tex., Hemphill—Temple Lumber Co., rebuilding lumber mill recently destroyed by

Industrial Works (Continued)

fire, to Thrall & Shea, Lake Charles, Ia., $65,000.

Calif., Emeryville—Pioneer Laundry Co., 1341 63rd St., Piedmont, 1 story and mezzanine, laundry, concrete, 63rd and Doyle Sts., here, to H. J. Christensen, 505 17th St., Oakland, $40,000.

Calif., Eureka—C. Green, 7th and D Sts., 1 story garage, frame and stucco, 4th and H Sts., to Wing & Langdon, Eureka, $40,000.

Calif., San Francisco—R. McLeran Co., Hearst Bldg., will build 5 story, rein.-con. warehouse and loft, 2nd and Harrison Sts., by day labor. $140,000.

Calif., Stockton — National Ice & Cold Storage Co., Taylor and Center Sts., reconstructing ice and cold storage plant, recently destroyed by fire, to Davis-Heller-Pearce Co., Delta Bldg., $50,000.

Ont., New Toronto—R. N. Boxer Co. Ltd., Fay Bldg., Toronto, 3 story and basement, rein.-con., brick and steel addition to factory, plain foundation, general contract to Austin Constr. Co., 16112 Euclid Ave., Cleveland, O. Total est. $250,000.

Ont., Rockland — Champlain Tire & Rubber Co., rein.-con. factory, plain foundation, to N. Poirier & Son, 193 Cathart St., Ottawa, $50,000.

B. C., Elko—East Kootenay Power Co. Ltd., Cranbrook, first unit of hydro electric plant, two 7,500 hp. turbines, to Dominion Eng. Co., Montreal, Que.; two 6,000 kw. generators to Canadian General Electric Co., 1065 Pender St. W., Vancouver; tunnel 2,000 ft. long, to Winston Bros. Co., 801 Globe Bldg., Minneapolis, Minn.

B. C., Vancouver—Canadian Pacific Ry., Seymour St., 1 story, 90 x 240 ft. concrete and brick shops, foot of Drake St., to Western Constr. Co., 207 Hastings St. W. $60,000.

Buildings

PROPOSED WORK

Mass., Boston — Police Headquarters — Dept. Pub. Wks. plans police headquarters, Pemberton Sq. $1,000,000. J. A. Rourke, comr. Engineer and architect not selected.

Mass., Somerville (Boston P. O.)—Church—Park Ave. Methodist Church, 68 College Ave., had plans prepared by Woodbury & Stuart, 581 Boylston St., Boston, 3 story and basement, 80 x 200 ft., rein.-con., stone and brick, plain foundation, College Ave. $400,000. H. O. Lacourt, chn. building com.

Conn., New Haven—School—School Bd. having plans prepared by Brown & Von Beren, 185 Church St., 2 story, brick, Towsend Ave. $150,000.

Conn., Winsted—School—Town plans 2 story, 70 x 190 ft., brick, plain foundation, Elm St. $200,000. W. C. Kemp, chn. Bd. Selectmen. Engineer and architect not selected.

N. Y., Jamestown—Hotel—Hotel Jamestown, Inc., Cherry St., soon takes bids 8 or 10 story, 3rd and Cherry Sts. $1,225,000. W. L. Stoddart, 9 East 40th St., New York City, archt. and engr. Noted Feb. 1.

N. Y., New York—School—Bd. Educ., 500 Park Ave., soon takes bids, 5 story addition to P. S. 30, brick, steel and stone, plain foundation, Brook Ave. W. H. Gompert, Flatbush Ave. extension and Concord St., Brooklyn, archt. and engr.

N. Y., Northport—School—Bd. Educ. rejected bids brick, steel and stone, Lawrell Ave. $280,000. Will readvertise at later date. Coffin & Coffin, 522 5th Ave., New York City, archts. and engrs.

N. Y., Nyack—Hospital—Nyack Hospital soon takes bids brick, steel and stone addition, plain foundation. $200,000. Lord & Hewlett, 2 West 45th St., New York City, archts. and engrs.

N. J., Newark—Exposition—Permanent Industrial Exposition c/o F. Grad, archt., 245 Springfield Ave., having plans prepared 200 x 400 ft., brick, steel and stone, plain foundation. $2,000,000.

N. J., Newark—Theatre—J. Stern, c/o Reilly & Hall, archts. and engrs., 405 Lexington Ave., New York City, soon takes bids 100 x 154 ft., brick, steel and stone, plain foundation, Bloomfield Ave., here. $200,000.

N. J., Westfield—Temple—Westfield Lodge F. & A. M., c/o J. F. Jackson, archt. and engr., 137 East 45th St., New York City, having plans prepared brick, steel and stone, plain foundation, Prospect St., here. $150,000.

Pa., Phila.—Apartment—Fox Bros., 4814 North Broad St., soon take bids 3 story and basement, 80 x 125 ft. brick, steel and stone, plain foundation. Broad St. and 66th Ave. $300,000. E. A. Roth, Drexel Bldg., archt.

Pa., Pittsburgh — Church and Office — Smithfield Methodist Episcopal Church, 7th Ave. and Smithfield St., having plans prepared by E. Stotz, Monongahela Bank Bldg., 20 story and basement, 60 x 110 ft. $1,000,000.

Pa., Pittsburgh — Office and Arcade — Jenkins Arcade Co., Penn and Stanwix Sts., having plans prepared 7 story, 90 x 115 ft. top addition, Penn and Stanwix Sts. $300,000. Private plans.

Md., Baltimore—College—Mayor and City Council receiving sketches college, brick, 33rd St. near Stadium. $2,000,000.

Md., Baltimore — Schools — Mayor and City Council plan following schools: Irving, Frederick Rd. and London Ave.; Walbrook, Alto Ave.; Roland Park, south end of Gilman Country School Grounds; Hamilton, Christopher Ave., Hamilton; Ten Hills, Old Frederick Rd. and Edmondson Ave.; School No. 63, Walbrook; School 13, Patterson Park; all brick and steel, $400,000-$500,000 each. Engineer and architect not selected.

D. C., Wash.—Apartment—F. Lake, 1448 G St., N. W., had plans prepared by G. T. Santmyer, 1340 I St., N. W., for apartment. $150,000.

D. C., Wash.—Office—A. B. Mullett & Co., archts., Union Trust Bldg., preparing plans for office building. $250,000. Owners name withheld.

D. C., Wash.—School—Dist. Comrs., 509 Dist., Bldg., having plans prepared for addition to Thompson School, 12th and L Sts., N. W. $150,000.

D. C., Wash.—Theatre—M. Notes, 1400 Massachusetts Ave., having plans prepared by J. J. Zink, 126 Overland Ave., Baltimore, Md., for theatre, Georgia Ave. and Gallatin St. $250,000.

W. Va., Charleston—Hospital—Mountain State Hospital, having revised plans prepared by Wysong & Jones, Professional Bldg., and takes bids about June 1, 5 story and basement, 50 x 108 ft., Virginia Ave. $200,000. Former bids rejected. Noted May 17.

N. C., Charlotte—Theatre and Office—J. H. Cutter, Commercial Bank Bldg., soon takes bids 3 story. W. L. Stoddart, 9 East 40th St., New York City, archt. and engr. Noted Mar. 22.

Tenn., Chattanooga—Lodge and Office—Masonic Temple Assn. plans 14 story, 80 x 100 ft., Cherry and East 7th Sts. $750,000. J. S. Fouche, pres. Bd. Dirs.

Tenn., Madisonville—School—Monroe Co. Bd. Educ. voted $260,000 bond issue for schools. Engineer and architect not selected.

Ky., Louisville—Hospital—Norton Memorial Hospital, 3rd St., plans 8-12 story, 3rd and Oak Sts. $1,500,000. Address D. A. Keller, chn. hospital com. Engineer and architect not selected.

Ky., Louisville—Memorial—City (Louisville Memorial Com.), plans memorial. $1,250,000. W. E. Morrow, secy. Engineer and architect not selected.

Ky., Louisville — Seminary — Southern Baptist Theological Seminary, Norton Hall, 416 West Bway., plans seminary, on 51 acre site, Cherokee Dr. $1,700,000. Address C. S. Gilbert, registrar. Engineer and architect not selected.

Ky., Louisville — Theatre and Office — —United Theatres Co., 5th St., plans 12-15 story, 150 x 220 ft. $3,000,000. Engineer and architect not selected.

Ky., Nazareth — Convent — Convent of Nazareth having plans prepared by J. F. Sheblessy, 12th and Republic Sts., Cincinnati, O., 3 story and basement. $150,000.

O., Cleveland — Apartment — St. James Apartments, c/o M. Marmorstein, 607 Ulmer Bldg., having plans prepared by S. H. White, 1030 Schofield Bldg., 10 story, brick, steel and concrete, on 118 x 175 ft. lot, East 89th St. and Euclid Ave. $750,000.

O., Cleveland—Bank and Office—Brotherhood of Locomotive Engineers, Engineers Bldg., having plans prepared by Knox & Elliot, 906 Engineers Bldg., 20 story and basement, 132 x 168 ft., brick, steel and concrete, Ontario St. and St. Clair Ave. $5,000,000. C. M. Clark, Engineers Bldg., engr. Noted Oct. 5.

O., Cleveland—Commercial and Apartment—Atlas Properties Co., c/o H. Himmel, pres., 1006 Schofield Bldg., plans 11 story, brick, steel and concrete, 938 East 105th St. $700,000.

O., Cleveland—Store—National Stores Co., c/o V. Sincere of Bailey Co., Ontario St. and Prospect Ave., pres., having sketches made by A. Garfield, City Hall, 10 story and basement (ultimately 20 story), brick, steel and concrete, East 9th St. and Euclid Ave. $2,500,000. Noted Apr. 19.

O., Piqua—Church and Sunday School—Green St. Methodist Episcopal Congregation, opens bids about June 20, 2 story and basement, 70 x 130 ft., brick and steel, Caldwell and Green Sts. $160,000. J. C. Fulton & Son, Thompson Ruby Bldg., Uniontown, Pa., archts.

O., Toledo—Church—First Baptist Church had preliminary plans prepared by Mills, Rhines, Bellman & Nordhoff, 1234 Ohio Bldg., 4 story, about 70 x 1[illegible] ft., stone exterior, plain foundation, Collingwood Ave. $250,000.

O., Xenia — Temple — Masonic Temple Assn. plans brick, stone and rein.-con., plain foundation, probably 3 story, Detroit St. $175,000. F. G. Mueller, Hamilton, archt.

Mich., Detroit—Auditorium—St. Anthonys Parish, 5247 Sheridan Ave., having plans prepared by J. G. Kastler, 523 Detroit Savings Bank Bldg., 2 story and basement, 65 x 140 ft. rein.-con., brick and steel, plain foundation, Sheridan Ave. $150,000.

Mich., Grand Rapids—High Schools—Bd. Educ. having preliminary plans prepared by H. H. Turner, 923 Michigan Trust Bldg., 3 or 4 story, high school, $725,000, also by Robinson-Campau, 715 Michigan Trust Bldg., 2 story and basement, 300 x 400 ft., high and grade school, Harrison St. $530,000.

Ill., Elgin—Church—First Methodist Episcopal Church, 821 Douglas Ave., plans 2 story and basement, fireproof, 222 Milwaukee Ave. $250,000. Talmadge & Watson, 189 West Madison St., Chicago, archts.

Wis., Milwaukee—Apartment—Harris & Jillson, archts., 190 North State St., Chicago, soon takes bids (2 units) each 2 story and basement, 90 x 200 ft., brick and concrete, plain foundation, Prospect Ave., here, for E. B. Woolf & Co., 79 West Monroe St., Chicago. $350,000.

Wis., Milwaukee—High School—School Bd., 10th and Prairie Sts., having preliminary plans prepared by Van Ryn & De Gelleke, 114 Grand Ave., 3 story and basement, brick, tile and concrete, plain foundation, Germania and 9th Sts. $500,000.

Wis., Milwaukee—School—Bd. Industrial Educ., 7th and Prairie Sts., having plans prepared by Van Ryn & De Gelleke, 114 Grand Ave., 7 story and basement, 152 x 210 ft., brick and concrete.

Wis., Milwaukee—School—St. Benedict the Moor Mission, 305 9th St., having preliminary plans prepared by E. Brielmaier & Sons Co., 432 Bway., 2 story and basement, brick and concrete, plain foundation, State St. $200,000.

Wis., Rhinelander—Normal School—Bd. of Normal Regents, Capitol Bldg., Madison, plans 3 story, brick, rein.-con. and steel, plain foundation. $300,000 appropriated. W. J. Kittle, secy. Engineer and architect not selected.

Minn., Minneapolis—Apartment Hotel—J. H. Davidson, 723 Plymouth Bldg., having plans prepared by A. Rose, 1000 Builders Exch., 12 story and basement, 165 x 165 ft., rein.-con., brick and tile, 11th St. and Marquette Ave. $2,500,000.

Minn., Minneapolis — Workhouse — Bd. Pub. Welfare, City Hall, plans workhouse on Gilfillan Farm, outside city limits. $250,000. Engineer and architect not announced.

Kan., Emporia—Bank and Office—Citizens National Bank takes bids about June 15, 5 story and basement, 43 x 130 ft., brick, concrete and stone. $300,000. Richards, McCarty & Bulford, 584 East Broad St., Columbus, O., archts. $300,000.

Kan., Great Bend — Hotel — Great Bend Hotel Assn. had plans prepared 3 story, 100 x 140 ft., brick, plain foundation. $150,000. E. Charles & Co., 404 Orpheum Bldg., Wichita, archts.

Kan., Leavenworth — High School — Bd. Educ. had plans prepared takes bids about June 1, 2 story and basement, 120 x 170 ft., rein.-con., brick and stone. $225,000. C. A. Smith, 602 Finance Bldg., Kansas City, Mo., archt.

Neb., Falls City—Hotel—J. H. Craddock & Co., archts., 315 South 15th St., Omaha, prepared plans and soon takes bids 4 story and basement, 93 x 147 ft., rein.-con., brick and stone. $150,000. Owners name withheld.

N. D., Fargo—Hospital—St. Johns Hospital having plans prepared by J. H. Wheeler, 508 Exch. Bank Bldg., St. Paul, Minn., 5 story and basement, rein.-con., brick and tile addition. $225,000.

Mo., St. Louis—Hospital—Graham, Anderson, Probst & White, archts., 80 East Jackson St., Chicago, rejected bids 6 story, nreproof construction, Kingshighway, here, for Jewish Hospital Assn., 5414 Delmar Blvd. $1,000,000. Will revise plans and readvertise. Noted Jan. 11.

Mo., St. Louis—Hotel—Coronado Hotel Co., International Life Bldg., had plans prepared by P. J. Bradshaw, International Life Bldg., 10 story, 177 x 206 ft., rein.-con., brick and steel, concrete pile foundation, Spring Ave. $2,000,000.

Mo., St. Louis—Theatre—M. Loew, 1540 Bway., New York City, having revised plans prepared by T. W. Lamb, 644 8th Ave., New York City, and soon takes bids

Buildings (Continued)

3 story and mezzanine, 125 x 150 ft., rein.-con. and brick, concrete pile foundation, Washington Ave., here. $1,000,000.

Tex., Arlington—Home—Building Com. of Order Eastern Star had plans prepared and takes bids in summer 3 story and basement, rein.-con. and brick, plain foundation. Keystone Stop. $160,000. R. H. Cameron, 503 4th St., San Antonio, engr. and archt.

Tex., Dallas — Church — East Dallas Christian Church, Peak and Junius Sts., takes bids in June, 2 story and basement, 83 x 170 ft., brick, concrete and stone, plain foundation. $200,000. C. D. Hill & Co., Central State Bank Bldg., archts.

Tex., Houston—City Hall—June 9, to vote on $1,700,000 bond issue for city hall, Travis St. W. A. Dody, city archt. and engr.

Tex., Houston—Schools—Houston Industrial School Dist. defeated $3,000,000 bond issue for schools. Noted Mar. 1.

Colo., Ft. Collins—Administration—State Agricultural College had plans prepared and takes bids in June, 3 story, 55 x 137 ft., steel, stone, terra cotta and tile. $165,000. E. Groves, Foster Bldg., Denver, archt.

Calif., Los Angeles—Bank and Office—Walker & Eisen, archts., Pacific Finance Bldg., preparing plans 13 story and basement, 8th St. To exceed $750,000. Architects interested in syndicate which plans above work.

Calif., Los Angeles—Store and Office—Taft Realty Co., 5751 Hollywood Blvd., having plans prepared by Walker & Eisen, Pacific Finance Bldg., 12 story, rein.-con., Hollywood Blvd. and Vine St. To exceed $500,000.

Calif., San Francisco—Apartment—Hotel M. A. Little, c/o E. E. Young, archt., 251 Kearny St., had sketches made 12 story and basement, 62 x 112 ft., fireproof. $500,000. Noted May 17.

Calif., Torrance—High School—Torrance High School Dist., having revised plans prepared by Farrell and Miller, Delta Bldg., Los Angeles, for high school. Former bids rejected. Will readvertise. Noted Apr. 12.

Ont., London — City Hall — G. Wenige, mayor, soon takes competitive plans for city hall. $300,000.

Ont., Sudbury—School—Separate School Bd. plans 2 story and basement, 8 room, concrete and brick, plain foundation. $150,000. Engineer and architect not selected.

Ont., Toronto—School—Bd. Educ., 155 College St., having plans prepared by C. Dyson, 155 College St., 2 story and basement, 8 room, brick addition to Landsdowne School, plain foundation, Landsdowne Ave. $150,000.

BIDS DESIRED

Conn., Meriden—Dormitory—May 29, by E. S. Boyd, supt. Connecticut School for Boys, 3 story, brick, plain foundation. $150,000. W. T. Arnold, 34½ West Main St., archt. Noted May 17.

N. Y., Brooklyn—School—May 29, by W. H. Gompert, archt., Flatbush Ave extension and Concord St., P. S. 177, Ave. P, from 1st St. to Dahall Rd., for Bd. Educ., 500 Park Ave., New York City. Noted May 17.

N. Y., Elmira—Store—Pierce & Bickford, archts., 118 Lake St., taking bids 4 story, 75 x 160 ft., brick and steel, Main and Market Sts., for S. F. Iszard Co., Baldwin and Water Sts. $300,000. Noted Dec. 14.

N. Y., New York—Office—June 4, by B. L. Shientag, industrial comr., 124 East 28th St., alterations, repairs, etc. to office buildings, Dept. Labor, 124 East 28th St. S. W. Jones, Albany, state archt.; adv. this issue.

N. J., Newark—Prison—June 21, by Purchasing Agent Essex Co., Court House, 4 story, 44 x 115 ft., prison, $208,000. C. W. Wands, 59 Central Ave., Caldwell, archt. Runyon & Carey, 843 Broad St., engrs. Noted Apr. 26.

Pa., Ferndale (Johnstown P. O.)—High School—Bd. Educ. taking bids 2 story and basement, brick and steel, here. $150,000. J. E. Adams, Nemo Bldg., Johnstown, archt.

Pa., Greensburg—High School—May 29, by Bd. Educ., 2 and 3 story and basement, 180 x 200 ft. brick and stone. $250,000. M. E. Kressley & Co., 13 4th St., Harrisburg, archt.

Pa., Johnstown—Church—First Evangelical Lutheran Church will build 1 and 2 story and basement, 100 x 100 ft., Somerset St. $175,000. Work will be done by separate contract.

W. Va., Huntington—Bank and Office—Meanor & Handloser, archt., Robson-Prichard Bldg., receiving bids 12 story and basement, 60 x 70 ft., brick, stone and steel, 4th Ave. and 10th St., for First Natl. Bank, 4th Ave. and 10th St. $300,000.

W. Va., Wierton—High School—June 1, by Bd. Educ., c/o W. D. Johnson, secy., 2 story and basement, 95 x 157 ft., Orchard St. $200,000. Peterson & Clark, Steubenville, O., archts.

Fla., Clearwater—School—June 15, by Bd. Pub. Instruction, 2 story, 150 x 190 ft., brick. $150,000. M. L. Elliott, Citizens Bank Bldg., Tampa, archt.

O., Athens—High School—July 1, by Bd. Educ., 2 story and basement, 83 x 171 ft., brick, concrete and stone. $200,000. Former bid rejected. W. B. Ittner, 911 Locust St., St. Louis, Mo., archt. Noted May 17.

O., Cleveland — Hospital — Associated Building Co., c/o G. W. Crile, East 93rd St. and Euclid Ave., taking bids and opens same about May 25, 6 story and basement, 50 x 164 ft., brick and rein.-con. $400,000. Ellerbe & Co., Endicott Bldg., St. Paul, Minn., archts.

O., Lorain—Home—May 26, by St. Joseph Hospital, 4 story and basement, 91 x 111 ft., brick, steel and concrete, 21st St. $200,000. P. Rissman, Lorain, archt.

O., Toledo—Store—F. W. Woolworth & Co., Woolworth Bldg., New York City, taking bids 2 story and basement, 120 x 120 ft., brick, steel and terra cotta, plain foundation, Adams and Superior Sts., here. To exceed $150,000. Jardine, Hill & Murdock, 50 East 42nd St., New York City, archts.

Mich., Detroit—School—June 1, by Bd. Educ., 1354 Bway. Ave., 2 story, part basement, 83 x 245 ft. and 80 x 102 ft. rein.-con., brick and steel, plain foundation, Joy Rd. $200,000. Malcomson, Higginbotham & Palmer, 405 Moffat Bldg., archts.

Mich., Saulte Ste. Marie—Hospital—May 31, by Chippewa Co. Memorial Hospital, 3 story and basement, rein.-con., brick, tile and stone, $200,000. J. White, chn. Bd. Trustees. G. Arntzen, 716 Ludington St., Escanaba, also 341 West Lake St., Minneapolis, Minn., archt. Noted Mar. 15.

Ill., Chicago—Apartment—M. A. Bender, 1325 Fargo Ave., receiving bids 3 story, 100 x 100 ft., fireproof, Birchwood St. near Sheridan Rd. $150,000. M. L. Bein, 64 West Randolph St., archt. Noted May 10.

Ill., Chicago—Apartment—R. S. De Golyer, archt., 7 South Dearborn St., receiving bids 9 story and basement addition, fireproof, 808 Junior Terrace, for Terrace Apartment-Hotel Co., 4300 Claredon Ave. $500,000.

Ill., Chicago—Apartment—C. W. Westerlind, archt., 179 West Washington St., receiving bids 3 story, 150 x 245 ft., fireproof construction, Palmer and Richmond Sts., for Iver Bros., c/o architect. $650,000.

Ill., Chicago—Club—Rebori, Wentworth & Dewey, archts., 332 South Michigan Ave., receiving bids 5 story and basement, fireproof, 1357 Dearborn St., for The Racquet Club, 425 South Wells St. $500,000. Noted Nov. 16.

Ill., Evanston—Apartment—R. F. France, archt., 155 North Clark St., Chicago, receiving bids 3 story and basement, 150 x 170 ft., fireproof construction, 551 Hinman Ave., here, for E. A. Hastings, c/o architect. $280,000.

Wis., La Crosse—Schools—June 7, by Bd. Pub. Wks., 1 and 2 story, 140 x 206 ft., vocational school. $150,000, also Lincoln Grade School, 3 story part basement, 114 x 157 ft., $225,000, both brick, tile and concrete, plain foundations. O. A. Merman, Linker Bldg., archt.

Wis., Racine — Bank and Office — E. B. Funston Co., archts., Janes Bldg., taking bids 2 story and basement, 40 x 100 ft., brick, concrete and stone, plain foundation, Washington Ave., for Racine City Bank, 1345 Washington Ave. $150,000.

Ia., Keokuk—High School—May 28, by Bd. Educ., 3 story and basement, rein.-con., brick, tile and stone. $500,000. J. O. Boyd, pres., Temple & Burrows, 208 Main St., Davenport, archts. Noted Dec. 21.

Ia., Valley Junction—School—June 4, by A. B. Rutt, secy. Bd. Educ. Independent School Dist., constructing school. $165,000. Dougher, Rich & Woodburn, 320 Valley National Bank Bldg., Des Moines, archts.

Kan., Wichita—Home—May 31, by G. H. Thomas and S. E. Fullerton, archts., 310 Wheeler-Kelly-Hagny Bldg., 2 story additions, incl. 25 x 63 ft. boys building, 33 x 64 ft. girls building, 33 x 74 ft. mens building and dairy barn, for Masonic Home Assn., 400 South Seneca St. $150,000. Noted Jan. 11.

Mo., Bowling Green—High School—June 8, by W. E. Kleppisch, secy. Bd. Educ., 3 story, rein.-con. and brick, plain foundation. $150,000. M. J. Geise, 800½ Maine St., Quincy, Ill., archt.

Colo., Denver—Hospital—June 12, by Briscoe, Fisher & Fisher, archts., U. S. National Bank Bldg., 3 story and basement, 130 x 232 ft., T shaped, brick and concrete, 8th Ave. and Birch St., for State. $200,000.

Wash., Olympia—Capitol—June 8, by State Capitol Comn., constructing main portion of legislative building of Capitol group. Former bids rejected. Noted Apr. 19.

Calif., Los Angeles—Lodge and Store—Morgan, Walls & Morgan, archts., Van Nuys Bldg., receiving bids 3 story and basement, rein.-con., 11th and Flower Sts., for Odd Fellows Hall Assn., 218 South Main St. $250,000.

Calif., Modesto—Hotel—A. W. Cornelius, archt., Merchants National Bank Bldg., San Francisco, receiving bids 5 story and basement, brick and steel, for G. F. Covell. $150,000.

Calif., San Francisco—Apartment—E. E. Young, archt., 251 Kearny St., receiving bids 8 story and basement, fireproof, Pacific Ave. and Gough St., for G. W. Burnett, 815 O'Farrell St. $250,000. H. J. Brunnier, Sharon Bldg., engr. Noted Jan. 11.

Calif., San Pedro—Apartment and Store—L. L. Jones, archt., Grosse Bldg., Los Angeles, receiving bids 4 story, brick, for L. Di Carlo, 833 Ora Terrace. $150,000.

BIDS RECEIVED

N. Y., Brooklyn—School—W. H. Gompert, archt., Flatbush Ave. extension and Concord St., May 15, addition to P. S. 99, East 9th St. between Aves. K and L, from C. Meads Co., 217 West 14th St., New York City. $291,100, for Bd. Educ. Noted May 10.

N. Y., Buffalo—School—Bd. Educ., 1401 Telephone Bldg., May 7, P. S. 66, brick, stone and terra cotta, Parkside Ave., general contract from Metzger Constr. Co., 676 Genesee St., $359,423; heating, from R. J. Moran, 379 East Utica St., $68,890; plumbing, from Chippewa Plumbing Co., Inc., 329 Delaware Ave. $22,882. Noted Apr. 26.

N. Y., Elmira—Y.M.C.A., 322 East Market St., brick, concrete and steel, from Pulford & Dempsey Constr. Co., 317 Pennsylvania Ave., $244,750. Noted Apr. 26.

Wis., Racine — Auditorium — Memorial Hall Comn., 1 and 2 story, 180 x 200 ft., brick and concrete, plain foundation, from C. B. Johnson, 111 West Washington St., Chicago, $368,754.

Minn., Minneapolis — Electrical — State Bd. Control, Capitol, St. Paul, May 18, 3 story and basement, rein.-con., brick and tile, State U. here, from Carlsted Bros., 542 Builders Exchange, $258,843. Noted May 10.

Calif., Alhambra — School — Alhambra High School Dist., administration building and auditorium, brick, general contract from Larsen-Segrist Co., Claus Spreckels Bldg., San Francisco, $178,822. Noted May 3.

Calif., Los Angeles—Hotel—F. G. and E. H. Jansen, c/o H. Cross, archt., Merchants Natl. Bank Bldg., 6 story, rein.-con., Francisco St., from R. E. Millsap, Marsh-Strong Bldg., $105,990. Noted May 17.

Calif., Pasadena — School — Pasadena School Dist., group of buildings, from C. G. Wopschall, 675 North Raymond Ave., brick construction $147,353, hollow tile $146,760. Noted May 3.

CONTRACT AWARDED

Me., Portland—Parish House—State St. Congregational Church, State St., 2 story and basement, 50 x 170 ft., brick and stone, plain foundation, to Blackstone & Smith, 187 Middle St. Archts. est. $200,000. Noted Nov. 16.

Mass., Boston—Church and Parish House—Second Universalist Church, 13 Regent Circle, 3 story, brick, stone and steel, plain foundation, Boylson and Ipswich Sts., to L. P. Soule & Son Co., 80 Boylston St. Archts. est. $300,000. Noted Dec. 14.

Mass., Fall River — School — St. Anne Church, 4 story, 75 x 200 ft., brick, plain foundation, Forest St., to O. Dussault, 113 Middle St., $650,000. Archts. est. $600,000.

Mass., Lynn—High School—Bd. Educ., constructing Eastern Junior High School, 2 story, 221 x 225 ft., brick, concrete and steel, plain foundation, Porter and Jackson Sts., to C. S. Cunningham & Sons Constr. Co., 80 Boylston St., Boston, $362,875. Archts. est. 400,000. Noted Dec. 21.

R. I., Providence — Orphanage — Jewish Orphanage, c/o W. R. Walker & Son, archt., 49 Weybosset St., 2 story and basement, 90 x 155 ft., rein.-con. and brick, plain foundation, Summitt St., to E. Turgeon, 86 Weybosset St. Archts. est. $150,000. Noted Mar. 22.

Conn., Hartford—Business—Lewis, Wilcox & Stone, 327 Trumbull St., 3 story (ultimately 6 story), 110 x 150 ft., brick and steel, plain foundation, Allyn and

Buildings (Continued)

Trumbull Sts., general contract (except wood work) to Johnson-Webster Co., 50 South Main St., West Hartford. Archts. est. $170,000. This corrects report Mar. 15 issue.

Conn., Hartford — School — Monroe St. School Bd., 32 class rooms, brick and stone, plain foundation, to Wise & Upton, 36 Pearl St. Archts. est. $200,000. Noted Apr. 26.

N. Y., Brooklyn — Apartment — Kromax Realty Corp., c/o Cohn Bros., archts. and engrs., 363 Stone St., will build 4 story, 80 x 100 ft., brick, steel and stone, plain foundation, East 29th St., by day labor. $150,000.

N. Y., Brooklyn—Apartment—Mengel & Larkin, archts., 81 Fulton St., 6 story, 160 x 250 ft., brick, steel and stone, plain foundation, St. Marks and New York Aves., to G. M. Seglin, Inc., 110 East 42nd St., New York City. Archts. est. $2,000,000. Owners name withheld.

N. Y., Buffalo—Bank—Bank of Buffalo, 343 Main St., rein.-con., steel, Indiana limestone and granite, Main St., to J. W. Cowper Co., Fidelity Bldg., $700,000.

N. Y., Fredonia—Church—First Methodist Episcopal Church, brick and stone, Church St., to J. L. Taylor, Dunkirk. Archts. est. $150,000. Noted Oct. 19.

N. Y., Hornell—School—Bd. Educ., general contract Lincoln School, to L. Dennison, 162 North Main St., $152,831. Noted Apr. 26.

N. Y., Syracuse—High School—Bd. Contr. & Supply, general contract 19th Ward Junior High School, 3 story, rein.-con., brick and steel, Midland Ave., to Shane Constr. Co., Herald Bldg., $426,970; heating work, to J. R. Sheehan Co., 16 South Center St., Schenectady, $65,995. Noted Apr. 26.

N. J., Morris Plains—Dining Hall and Kitchen—B. G. Lewis, comr. Institutions and Agencies, State House, Trenton, 2 story, brick, concrete and steel, at State Hospital for Insane, here, part of general contract to Sturgiss Bros., 20 Washington St., Morristown, $88,140; structural steel, to Lehigh Structural Steel Co., Allentown, Pa., $31,600. Noted Apr. 12.

Pa., Phila.—School—F. F. Durang, archt., 1220 Locust St., 3 story and basement, 77 x 153 ft. brick and steel, plain foundation, Park and Susquehanna Aves., to Stang & Mitchell, Real Estate Trust Bldg., for Lady of Mercy Roman Catholic Church, Broad and Susquehanna Aves. Archts. est. $225,000. Noted Apr. 5.

Pa., Pittsburgh — Gymnasium—Carnegie Institute of Technology, Schenley Park, 3 story and basement, Woodlawn Ave., to S. M. Siesel, 1st National Bank Bldg. Archt. est. $500,000. Noted Apr. 26.

Md., Baltimore—Church and Rectory—Church of Our Lady of Pompeii, c/o F. J. Baldwin, archt., 328 North Charles St., will build 2 story, 40 x 40 ft. rectory and 40 x 150 ft. church, brick, plain foundation, Claremont and 3rd Sts., by day labor. $160,000.

Md., Frederick—Home—Independent Order of Odd Fellows, Cathedral and Saratoga Sts., Baltimore, three 2 and 3 story buildings, brick, plain foundations, here, to J. Hiltz & Sons, 345 St. Paul Pl., Baltimore. $250,000. Noted May 3.

D. C., Wash.—Apartment—W. S. Phillips, 15th and K Sts., N. W., apartment building, Argonne Pl., to Weller Constr. Co., 816 14th St., N. W. Archts. est. $2,000,000.

D. C., Wash.—Office—Milburn & Heister Co., archts., 710 14th St., office building at 13th and C Sts., to Parson & Hyman, 816 14th St, N. W. Archts. est. $200,000. Owner's name withheld.

W. Va., Morgantown—Theatre and Store—Communtzis Bros., 4 story and basement, 95 x 143 ft., rein.-con., brick, tile and steel, to C. D. Keyser & Co., Bellaire, O. Archts. est. $300,000. Noted Nov. 2.

Tenn., Memphis — Office — Cotton States Life Insurance Co., 70 South Main St., 12 story, 75 x 87 ft., stone, marble and tile, general contract to Minter & Co., Inc., 115 Bway., New York City; electrical work, to Newberry Electric Co., Century Bldg., St. Louis, Mo.; plumbing, to J. W. Hull Plumbing & Heating Co., 289 South Bellvue St. Engrs. est. $700,000. Noted May 3.

Ky., Louisville—High School—Bd. Educ., 3 story, brick, Morton Ave., to C. A. Koerner & Co., 318 East Burnett St., $200,000.

O., Cleveland—Apartment—Stockbridge Apartments, c/o W. Vretman, 3328 Euclid Ave., 4 story and basement, 50 x 100 ft., brick, steel and concrete addition to E. F. Gibbons Constr. Co., Prospect Fourth Bldg. Archts. est. $150,000.

O., Lakewood (Cleveland, P. O.)—Apartments—E. B. Townsend, 12104 Detroit Ave., Cleveland, 2 and 3 story and basement, 55 x 107 ft. and 53 x 75 ft., brick, 12019 Clifton Blvd., here, to Forest City Steel & Iron Co., 1500 West 100th St., Cleveland, Archts. est. $175,000.

Mich., Trenton—High School—Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, to Gratton Bros., Porter Blk., Lansing, $150,000. Noted Jan. 25.

Ill., Chicago—Apartment—A. J. Alcorn, 2022 North Tripp Ave., 3 story and basement, 100 x 175 ft., fireproof, 1409-15 Farwell Ave., to P. D. Jensen, 4916 West North Ave. Archts. est. $175,000.

Ill., Chicago — Apartment — Goldberg & Fegel, c/o Dubin & Eisenberg, archts., 14 West Washington St., 3 story, fireproof construction, Dorchester Ave. and 47th Pl., to J. Taff, 4833 North Avers Ave. Archts. est. $200,000.

Ill., Chicago — Apartment — R. L. Kane, archt., 64 West Randolph St., 3 story and basement, 75 x 125 ft., fireproof, Randolph and Austin Sts., to Anderson & Cowie, 7 South Dearborn St. Archts. est. $150,000. Owner's name withheld.

Ill., Chicago—Church—Trinity Methodist Episcopal Congregation, 1617 West 99th St., 1 story and basement, fireproof, 99th and Winchester Sts., to W. McCumber & Sons, 140 South Dearborn St. Archts. est. $150,000. Noted Feb. 23, 1922.

Ill., Chicago—Hotel—S. M. Earling, 140 South Dearborn St., 5 story, 65 x 150 ft., fireproof construction, 5410 Kenmore Ave., to Antrill Constr. Co., 1106 Leland Ave. Archts. est. $250,000.

Ill., Chicago—Office—Chicago & Northwestern R.R., West Jackson Blvd. and Franklin St., 4 story, 60 x 150 ft., fireproof construction, Ravenswood and Lawrence Aves., to A. Brundage, 110 South Dearborn St. Archts. est. $250,000.

Wis., Madison—Church—St. James Congregation, 1126 St. James Court, 2 story, 60 x 150 ft., brick, rein.-con. and steel, plain foundation, to C. B. Fritz Co., 138 North Frances St. Archts. est. $150,000.

Wis., Milwaukee — Business — Sherkow Realty Co., 737 Grand Ave., 4 story and basement, 92 x 120 ft., brick and concrete, plain foundation, North Ave., to T. Stark & Co., 130 Muskego Ave. Archts. est. $150,000.

Ia., Sioux City—Fire and Police Station—General contract for superstructure, 3 story and basement, 133 x 140 ft., rein.-con., brick, tile and stone, 6th and Water Sts., to B. E. Short, 418 Court St., $244,999. Noted May 3.

Minn., Minneapolis — Lodge—Minnehaha Lodge, A. F. & A. M. No. 165, 1533 East Lake St., general contract 3 story and basement, 100 x 105 ft., brick and tile, Lake St. and Bloomington Ave., to J. and W. A. Elliott Co., 906 Lumber Exchange. Cost complete $150,000. Noted May 3.

Kan., Kansas City—High School—General contract 4 story and basement, rein.-con., brick, steel and stone, 350 Troup Ave., to Duncan Lynch Constr. Co., 407 Mutual Bldg., Kansas City, Mo., $209,718.

Mo., St. Louis—School—Washington University, Skinker and Lindell Aves., 3 story school of commerce, rein.-con. and brick, plain foundation, to Selden-Breck Constr. Co., Fullerton Bldg. Archts. est. $250,000. Noted May 3.

Tex., Austin—Hotel—Baker Hotel Corp., San Antonio, (street address not available), 11 story, rein.-con., brick and stone, to J. P. Haynes, Moore Bldg., San Antonio, $469,000; elevators, to Otis Elevator Co., 7th St., Ft. Worth, $41,000; mechanical, to J. L. Martin, 412 Congress Ave., Austin, $180,000. Noted May 3.

Tex., Electra—High School—City Com., general contract 3 story and basement, brick and concrete, to Whitehill Constr. Co., Wichita Falls, $124,000. Archts. and engrs. est. $160,000. Noted May 3.

Tex., Texarkana — Theatre — Saenger Amusement Co. 3 story, 120 x 150 ft., rein.-con. and brick, plain foundation, West 3rd St., to Harris & Echols, Texarkana, $200,000. Archts. and engrs. est. $150,000. Noted Apr. 26.

Calif., Hanford—Office and Store—F. N. Isaacs, 2 story and basement, brick and concrete, 4th and Irwin Sts., to Trewhitt-Shields Co., Rowell Bldg., Fresno. Archts. est. $175,000.

Calif., Oakland—Store and Loft—Smith Bros., 472 13th St., 3 story and basement, rein.-con., Bway. near 19th St., to C. W. Heyer, Mills Bldg., San Francisco, $150,000. Noted Mar. 29.

Calif., San Francisco — Apartment — T. Damico, 889 Filbert St., will build 10 story and basement, concrete and steel, Clay and Gough Sts., by day labor under supervision of F. C. Amoroso, 1336 Kearny St. Archts. est. $385,700.

Calif., San Francisco—Office—Western States Life Insurance Co., Market and 6th Sts., 15 story and basement, Stevenson and 6th Sts., concrete work to Barrett & Hilp, 918 Harrison St., $125,000. Noted Nov. 16.

Ont., Toronto — Apartments — Roberts Bros., 241 Dovercourt Rd., will build two 3 story and basement, concrete, brick and steel apartment houses, Bloor St. and Quebec Ave., by day labor. $200,000. Private plans.

Federal Government Work

PROPOSED WORK

Pa., Middletown—Hangars—Constructing Quartermaster plans 2 steel hangars at Air Intermediate Depot, here.

D. C., Wash.—Hangars, etc.—Constructing Quartermaster plans one 110 x 2,000 ft. hangar and extension to present one, at Bolling Field, here.

Va., Norfolk—Heating Mains—Spec. 4846—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans heating mains, here.

La., New Orleans—Jetty—U. S. Engineer Office, 329 Custom House, withdrew advertisement for jetty construction, to be opened June 1; adv. this issue. Noted May 10.

Ark., Hot Springs—Buildings—Constructing Quartermaster plans building for Physiotherapy and X-ray, also guard house, here.

Tex., Ft. Bliss — Ward Building — Constructing Quartermaster plans addition to ward building at William Beaumont General Hospital, here.

BIDS DESIRED

Mass., West Roxbury (Boston P. O.)—Piping—June 5, by Treas. Dept., Wash., D. C., piping for U. S. Veterans' Hospital.

R. I., Providence—Dredging—June 19, at office U. S. Engineer, Providence, dredging in harbor; adv. this issue.

N. Y., Buffalo—Dredging, etc.—June 21 at office U. S. Engineer, dredging and rock removal in Black Rock Channel; adv. this issue.

N. Y., New York — Nurses Quarters — June 15 by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., construction complete of nurses quarters at U. S. Veterans Hospital 81, Bronx. F. T. Hines, dir.; adv. this issue.

D. C., Wash.—Pumps—May 28, by Chief of Air Service, U. S. Army, Wash., 100 engine driven gear fuel pumps.

Va., Norfolk—Dredging—June 20, at office U. S. Engineer, dredging channel in harbor, here; adv. this issue. Noted Apr. 5.

N. C., Wilmington—Dredging—June 19 at office U. S. Engineer, dredging in Scuppernong River; adv. this issue.

Ala., Florence—Valves, etc.—June 23, at office U. S. Engineer, Florence, furnishing and delivering 13 sets sluice valves, operating mechanism, etc., for sluice section Wilson Dam; adv. this issue.

Ala., Huntsville—Remodeling—June 20, by Treas. Dept., Wash., D. C., extending and remodeling U. S. Custom House and Post Office, here. J. A. Wetmore, acting superv. archt.; adv. this issue.

Miss., Vicksburg—Levee Work—June 5 at office 3rd Mississippi River Dist., P. O. Box 404, for about 400,000 cu.yd. levee work; adv. this issue.

La., Baton Rouge—Remodeling—June 19, by Treas. Dept., Washington, D. C., remodeling and enlarging U. S. Post Office, here. J. A. Wetmore, acting superv. archt.; adv. this issue.

Tenn., Memphis—Pipe Valves, etc.—June 2 at office Mississippi River Comn., 1st and 2nd Dists., 1006 McCall Bldg., furnishing and delivering pipe valves and fittings for all steam, exhaust, suction and discharge lines of grader; adv. this issue.

Tenn., Nashville—Lumber—June 2, at office U. S. Engineer, 525,000 ft. b. m. yellow pine or Douglas fir lumber; adv. this issue.

Ky., Louisville—Steel, etc.—U. S. Engineer, P. O. Box 72, receiving bids 24,000 lb. reinforced deformed bars, ⅜-1¾ in. square, and 1,200 lb. Z bars.

Tex., Galveston—Jetty—June 22, at office U. S. Engineer, repairing, building up and extending West Jetty at Sabine Pass; adv. this issue.

BIDS RECEIVED

Pa., Phila.—Engine Testing Building—Spec. 4835—Bureau Yards & Docks, Navy Dept., Wash., D. C., engine testing building at aircraft factory, here, (1) work complete, from McCormick-Lenham Co., $716

Federal Government Work (Continued)

South Hutchison St., (1) $21,300 (100 days) (2) $36,836 (125 days); Triest Contg. Corp., 247 Park Ave., New York City, (1) $22,582 (90 days) (2) $15,890 (120 days); Donnell-Zane Co., 233 Bway., New York City, (1) $24,395 (130 days) (2) add $14,-748. Noted Apr. 26.

Del., Wilmington—Dredging—U. S. Engineer, dredging Tuckerton Creek, N. J., from Delaware Dredging Co., 316 Insurance Exch. Bldg., $0.54 per cu.yd. Noted Apr. 19.

Washington—Roads—C. H. Purcell, dist. engr., U. S. Bureau Pub. Rds., New Post Office Bldg., Portland, Ore., grading, surfacing and building bridges, etc., on 9.9 mi. National Forest Rd., Project 102-B, Ferry Co., from Siems & Carlson, Realty Bldg., Spokane, 46,400 cu.yd. rock excav. $1.35, 80,000 cu.yd. common excav. $0.50, 19,800 cu.yd. surfacing material $2.60, totals concrete box culverts (U. S. Government furnishing explosives) $169,341; (contractor furnishing explosives) $178,101; concrete pipe (U. S. Government furnishing explosives) $167,571.

Oregon—Roads—U. S. Bureau Pub. Rds., Dept. Agriculture, Post Office Bldg., Portland, grading 24 mi. Eugene-Florence Highway, Lane Co., from G. F. Atkinson, Chamber of Commerce Bldg., Portland, concrete pipe $376,870, corrugated galvanized iron pipe $372,775, log culverts, $359,635; 7.9 mi. McKinzie River Highway, Belknap, Lane Co., from Motor Investment Co., Portland, Ore. (street address not available), surfacing $2.83, subgrade $1, total $37,310; grubbing 35 acres and clearing 45 acres, Olympia Highway, U. S. Forest Reserve, Bogachiel-Hoh, Clallam Co., from Tielenda Slimkoski & Easley, Wilkinson, Wash., $55,275. Noted May 3.

CONTRACTS AWARDED

W. Va., Huntington—Cement—U. S. Engineer, Huntington, furnishing 3 carloads cement, to Universal Portland Cement Co., Frick Bldg., Pittsburgh, Pa., $2.89 per bbl.

Fla., Jacksonville—Dredging Pump—U. S. Engineer, dredging pump, for Dredge Barnard, to Ellicott Machine Corp., Bush and Severn Sts., Baltimore, Md., $8,210. Noted Mar. 22.

Ky., Louisville—Bear Trap Leaves—U. S. Engineer, P. O. Box 72, bear trap leaves for Dam 44, Ohio River, to Penn Bridge Co., Beaver Falls, Pa., $47,770. Noted May 18.

Ky., Louisville—Metal Work—U. S. Engineer, P. O. Box 72, metal work for weirs for Dam 44, Ohio River, Lot A to J. and J. B. Milholland Co., 714 5th Ave., Pittsburgh, Pa., $5,025; Lots B and C to Variety Iron & Steel Co., Hamilton Ave. and East 40th St., Cleveland, O., $7,100 and 22,400 respectively. Noted Apr. 26.

Miscellaneous

PROPOSED WORK

Tower—Hartford, Conn.—Fuller Brush Co., 647 Main St., plans 4 story tower, brick veneer and steel, $25,000. P. J. Kennedy, Jr., Holyoke, engr.

Grandstand, etc.—South Manchester, Conn.—Cheney Bros. plans grandstand, bleachers, fencing, etc. $30,000. Private plans.

Swimming Pool—New Orleans, La.—New Orleans Country Club, Metairie Ridge, plans swimming pool. $45,000. C. E. Ellis, chn. of special com.

Transmission Line—Kentucky—Kentucky Utilities Co., M. E. Taylor Bldg., plans 33,000 volt transmission line from Elizabethtown to Hardinsville via Sonora. G. T. Bogard, ch. engr.

Power Lines, etc.—Akron, O.—Northern Ohio Traction & Light Co., North Main St., plans extending power lines $1,000,000, substations $250,000.

Wharves, etc.—Beaumont, Tex.—City soon takes bids timber wharves and docks, $300,000. Terrell Bartlett, Calcasieu Bldg., San Antonio, engrs.

Ornamental Lights, etc.—Ft. Worth, Tex.—City Com. soon takes bids ornamental lighting system. $25,000. D. L. Lewis, city engr.

Retaining Wall—Ft. Worth, Tex.—Ft. Worth Power & Light Co., 1001 Commerce St., making plans retaining wall around power plant, 1,000 cu.yd. concrete, etc. $25,000. W. C. Lilly, c/o owner, engr.

Wharves, Docks, etc.—Oakland, Calif.—Alaska Packers Assn., Wells Fargo Bldg., San Francisco, plans wharves, docks, warehouse, etc., on Oakland Estuary, here. To exceed $500,000. Engineer and architect not selected. Plans may be prepared by company engineers.

Granite Blocks—Montreal, Que.—Chairman Executive Com. taking bids 100,000 granite blocks. H. A. Tetreault, dir. pub. wks.

Power Improvements—Ontario—Provincial Government, Ottawa, voted $12,-687,000 to Hydro Electric Power Comn. of Ontario, 190 University Ave., Toronto, to cover work for year as follows: Niagara System, installing additional machinery at Queenston, completing Queenston plant and new transmission lines, $9,850,000; Muskoka System additions to plants and new equipment, $360,000; Rideau System maintenance and repairs, $20,000; Thunder Bay System, new units at Cameron Falls, Nipigon River, transmission lines etc., $1,016,000; Central Ontario System largely to cover new plant at Dam 8 on Trent River, $1,375,000; Nipissing System storage works and auxiliary, $17,000; Essex System transmission lines $50,000; investigation of second Queenston-Chippewa development, $50,000. F. A. Gaby, 190 University Ave., Toronto, ch. engr.

BIDS DESIRED

Binder Stone—New York, N. Y.—June 1, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 8,000 cu.yd. binder stone.

Freight Shed, etc.—New York, N. Y.—May 31, by J. H. Delaney, comr. Docks, Pier "A" foot of Battery Pl., new freight shed on pier at foot of Roosevelt St., East River, Brooklyn Bridge improvement, Manhattan Boro, Contr. 1809.

Heating and Ventilating Apparatus, etc.—Brooklyn, N. Y.—May 28, by Bd. Educ., 500 Park Ave., New York City, heating, ventilating and temperature regulation apparatus in P. S. 16, Bedford Ave., here. W. H. Gompert, Flatbush Ave. extension and Concord St., archt. and engr.

Miscellaneous Construction, etc.—New York, N. Y.—June 1, by Transit Comn., 49 Lafayette St., miscellaneous construction and station finish for Rapid Transit Railroads, in Boros of Manhattan, Bronx, Brooklyn and Queens, Agreement "BV." Noted July 20.

Road Materials—Baltimore, Md.—May 31, by Bd. Awards, paving blocks, f.o.b. cars Baltimore, furnishing and delivering crushed stone, gravel and sand; also furnishing materials and flushing surfaces of roads and streets within city. C. F. Goob, City Hall, highways engr.

Pier and Wharf—Charleston, S. C.—June 14, by Port Utilities Comn., pier at Market St. and wharf at Columbus St. H. M. Gallagher, genl. mgr.; adv. this issue.

Sand Clay Gravel—Baton Rouge, La.—June 5, by State Hy. Comn., Reymond Bldg., furnishing 20,080 cu.yd. sand clay gravel not less than 60% stone or alternate bid on 10,400 cu.yd. washed gravel and 10,040 cu.yd. sand clay gravel not less than 40% stone, for Federal Aid Project 114B, Monroe-Ruston Highway.

Shed—New Orleans, La.—May 31, by Bd. Port Comrs., New Court Bldg., reconstructing Celeste St. shed. A. Walsh, genl. mgr.

Stadium—Madison, Wis.—June 1, by University of Wisconsin, rein.-con. and steel addition to athletic stadium, 400 ft. long, 62 ft. wide, 28.6 ft. at rear. $50,000. A. Peabody, Capitol Bldg., engr. Noted Apr. 26.

Creosoted Wood Blocks—St. Paul, Minn.—May 28, by H. W. Austin, city purch. agt., 1,000 sq.yd. 3½ in. creosoted wood blocks, for Dept. Pub. Wks. G. M. Shepard, city engr.

Dikes, etc.—Missouri—June 12, by Bd. Pub. Wks., City Hall, St. Louis, eight 3-hurdle dikes Missouri River, at St. Charles side, one 3-row hurdle dike between Catfish Island and Melers Bar, six 3-row hurdle dikes St. Louis Co. side Missouri River, for new St. Louis waterworks, also frame office at Howards Bend. $445,000. E. E. Wall, comr.

Trucks—Montreal, Que.—June 1, by Executive Com., City Hall, furnishing ten 5 ton trucks. R. Bauset, city clk.; adv. this issue.

Headworks—New Zealand, Wellington—Feb. 28, by Secretary Pub. Wks. Tenders Bd., for Arapuni Electric Power Scheme, Sect. 1, headworks; adv. this issue.

BIDS RECEIVED

Paving Blocks—New York, N. Y.—Bd. Purch., creosoting wood paving blocks to Dept. Plants & Structures, from Amer. Creosoting Co., 17 Battery Pl., $1,886. Noted May 17.

Shaft, etc.—New York—Bd. Estimate & Apportionment, City Hall, New York City, May 18, South St. Shaft at St. George, Richmond Boro, for freight and passenger railroad tunnel in Brooklyn and Richmond Boros and under New York Bay, New York City, from Patrick McGovern & Sons, Inc., 50 East 42nd St., New York City, $842,000. Noted Apr. 26.

O., Cleveland—J. F. Malone, dir. Pub. Serv., City Hall, May 16, 400 ton garbage disposal plant, from C. O. Bartlett & Snow Co., French and Winter Aves., $930,558. Noted May 10.

Road Oil—St. Paul, Minn.—Ramsey Co., May 14, 200,000 gal. road oil, from Barber Asphalt Co., 7 South Dearborn St., Chicago, $0.138 per gal. for "A," and $0.128 for "B." Barber brand liquid asphalt; Minnesota Road Equipment Co., 4536 Dupont Ave. S., Minneapolis, $0.065 for medium heavy grade O. U., and $0.066 for heavy grade O. H. Noted May 3.

Road Oil—Fresno, Calif.—Fresno Co. furnishing 100,000 bbl. road oil, from Standard Oil Co., Standard Oil Bldg., San Francisco, $1.12 per bbl. delivered Seguro; A. F. Gilmore Co., Van Nuys Bldg., Los Angeles, $1.155 delivered Taft; Union Oil Co., Mills Bldg., San Francisco, $1.16 delivered Winoil. Noted Apr. 19.

CONTRACTS AWARDED

Cement and Road Oil—Hartford, Conn.—Bd. Contract and Supply, 400 bbl. cement, to Amer. Cement Co., 920 Windsor St.; 400,000 gal. road oil, 45% and 50,000 gal. 65% asphaltic base, to Mace Moulton Jr., Inc., 6 Beacon St., Boston, $25,000. Noted May 17.

Golf Course—Arlington, Mass.—Bay State-Arlmont Country Club, grading and laying out new golf course, Cedar Ave., Arlington Heights, to Canedy Constr. Co., New Bedford (street address not available). Engrs. est. $60,000.

Pier—New York, N. Y.—Dept. Docks, Pier "A" foot of Battery Pl., North River, May 7, temporary pier north of West 135th St., Contr. 1793, to Riverside Contg. Co., 164 Montague St., Brooklyn, $41,506. Noted May 3.

Structural Steel—New York, N. Y.—Bd. Purch., Municipal Bldg., furnishing and delivering steel to Dept. Plant & Structures, to P. J. Constant, Inc., 280 Bway., $7,860. Noted May 10.

Retaining Walls—Freehold, N. J.—Monmouth Co., rein.-con. retaining walls at Bridge W-43 between Avon and Belmar, to T. Proctor, 212 North 5th Ave., Long Branch, $19,085. Noted May 10.

Iron Castings, etc.—Baltimore, Md.—Bd. Awards, 200,000 lb. manholes, sewer inlet and similar iron castings, to Greenmount Iron Mfg. Co., 833 Greenmount Ave., $5,000. Noted May 17.

Levee—Greenville, Miss.—Mississippi Levee Com., 600,000 cu.yd. excav.; 3 sections at Catfish Point new levee, to Clark & Aderholt, Greenville, $0.2389; 2 sections on Greenville front, to W. E. Callahan, Great Southwestern Life Bldg., Dallas, $0.52; average haul 1 mi. Engrs. est. $210,000.

Electrolier System—Los Angeles, Calif.—Lighting system in Santa Monica Blvd., etc., to Southern California Electric Co., 625 South Main St., $106,222. Noted Apr. 5.

Ontario—Dept. Pub. Highways, 110 University Ave., Toronto, concrete culverts as follows: Contr. 886 to J. Palm, Mildmay, $15,000; Contr. 887, to G. A. Gibson, Wroxeter, $20,000; Contr. 888 to Hyland Constr. Co., 72 St. Mary St., Toronto, $15,000; Contr. 890 to W. P. Holdcraft, Kingston, $15,000; Contr. 891 to W. Clark & Sons, Owen Sound, $15,000; Contrs. 892 and 893 to V. T. Bartram, Bank of Toronto Bldg., Toronto, $30,000; Contrs. 940 and 956 to J. A. Vance, 197 Light St., Woodstock, $30,000; Contr. 855 to F. C. Shinp, Box 131, Toronto, $15,000; Contr. 937 to N. Dillane, 291 Yonge St., Toronto, $15,000; Contrs. 852 and 857 to Waltham & Kelly, Kenwood, $30,000; Contr. 853 to A. J. Kirkpatrick, Petrolea, $15,000; Contr. 854 to J. McGill, Harrow, $15,000; Contr. 856 to D. B. Dann, Clarkhill, $15,000; Contrs. 889 and 859 to J. Avery, Mitchell, $20,000 and $15,000 respectively.

Transmission Line and Sub-station—Sutton, Ont.—Village will build 10 mi. transmission line and sub-station, by day labor under supervision of Hydro Electric Comn. of Ontario, University Ave., Toronto. $30,000.

Foundation for Grain Elevator—Vancouver, B. C.—Vancouver Harbor Comrs., 712 Pender St. W., foundations for rein.-con. addition to grain elevator, 2,450 cu.yd. excav., 1,960 cu.yd. concrete, to Pacific Constr. Co., 510 Hastings St., $50,000.

Grain Elevators—Bulgaria—Bank of Agriculture of Bulgaria, system of grain elevators incl. central power stations, drying plants, wharves, etc., to MacDonald Eng. Co., 53 West Jackson Blvd., Chicago, Ill., $10,000,000.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: June 4.

Concrete Pavement

Red Bank, N. J.

Notice is hereby given that alternate sealed bids will be received by the Council of Borough of Red Bank for the Construction of a Concrete Pavement and a Sheet Asphalt Pavement on a concrete base on Peters Place and for the Construction of a Concrete Pavement on Drummond Place and Oakland Street, in the Borough of Red Bank, N. J., and opened and read in public at the rooms of said Council, Borough Hall, Red Bank, New Jersey, on June 4, 1923, 8 p.m., daylight saving time.

Drawings and specifications for the proposed work prepared by George K. Allen, Jr., Borough Engineer, have been filed in the office of said Engineer at 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the Engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Council of Borough of Red Bank and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the Borough Collector and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Council of Borough of Red Bank reserves the right to reject any or all bids if deemed to the best interests of the Borough so to do.

By order of the Council Borough of Red Bank.

A. L. MILLER, Mayor.

Attest:
A. E. OLSEN, Clerk.
Red Bank, N. J., May 9th, 1923.

Bids: May 31.

Sewerage System Extensions

Easton, Md.

Sealed Proposals for the construction of certain extensions to the Sewerage System of Easton, Md., will be received and opened by the Mayor of Easton at the Council Chamber in Easton, Maryland, at 12.30 o'clock p.m., on the thirty-first day of May, 1923.

The work to be done comprises the complete construction of about one mile of 8" to 12" pipe sewer, 1,000 feet of House Connections, small pumping station and 4" force main.

Contract, Proposal Forms and Plans may be seen at the office of the Town Clerk or of the Town Engineer, Easton, Md. Plans will be furnished upon payment of $5.00 for each set.

Each Proposal for the work must be accompanied by a certified check drawn to the order of the Mayor & Council of Easton in the sum of $500.00.

JOHN C. NORTH,
Town Clerk.

E. G. KASTENHUBER, JR.,
Town Engineer.

OFFICIAL PROPOSALS

Bids: May 29.

State Highway Work

Baltimore, Md.

Sealed proposals for building six sections of State Highway, as follows:

Washington Co. Cont. W-27. One section of State Highway from Hagerstown to Sharpsburg, a distance of 11.6 miles. (Macadam Recon.).

Garrett Co. Contract G-23. One section of State Highway along Oak and Third Sts. in Oakland, for a distance of 0.67 mile. (Concrete).

Montgomery Co. Cont. M-44. One section of State Highway between Darnestown and Seneca for a distance of 1.0 mile. (Concrete).

Montgomery Co. Contract 141-A. One section of State Highway along the Brookville Pike between the District Line and Woodside, a distance of 2.0 miles. (Concrete Shoulders).

Baltimore Co. Cont. 46-A. One section of State Highway along Seminary Ave. between the Falls Road and York Road a distance of 3.0 miles. (Concrete Shoulders).

Worcester Co. Cont. Wo-30. One section of State Highway from Snow Hill toward Salisbury, for a distance of 1.5 miles. (Concrete).

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 29th day of May 1923, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred ($500) Dollars, payable to the State Roads Commission.

The successful bidded will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 14th day of May 1923.

L. H. STEUART, Secretary,
JOHN N. MACKALL, Chairman.

Bids: June 4.

Water Main and Sewer Construction

Washington, D. C.

Sealed proposals for Contract 36-W&S will be received at the office of the Washington Suburban Sanitary Commission, Evans Bldg., New York Ave., Washington, D. C., until 3 p.m., Eastern Standard Time, Monday, June 4, 1923, for constructing 7,400 feet of 6-in. to 12-in. cast iron water mains and 16,500 feet of 6-in. and 8-in. sewers and appurtenances. Water and sewer pipe to be furnished by Commission.

Plans obtainable after May 21, from Robert B. Morse, Chief Engineer of District, Hyattsville, Md., on returnable deposit of $5.00.

T. HOWARD DUCKETT,
EMORY H. BOGLEY,
J. BOND SMITH,
Commissioners.

OFFICIAL PROPOSALS

Bids: May 31.

Pavement Construction

Pittsfield, Mass.

Sealed bids or proposals for constructing pavements and appurtenances, addressed to the Clerk of the Board of Public Works, will be received at the office of the Board of Public Works, City Hall, Pittsfield, Massachusetts, until 7:30 o'clock p.m. of the thirty-first day of May, 1923. At the above place and time the bids will be publicly opened and read.

Pavement on North Street; the principal items of work are about 5,000 square yards of cement concrete pavement, about 2,000 cubic yards of excavation and other miscellaneous work. The bid must be accompanied by a certified check for five hundred dollars, drawn upon a national bank or trust company established in Pittsfield, Boston or New York and calls for a bond of ten thousand dollars.

Pavement on Center Street; the principal items or work are about 3,800 square yards of asphaltic macadam, about 1,600 linear feet of cement curbs, re-setting about 350 linear feet of stone curbs and other miscellaneous work. The bid must be accompanied by a certified check for five hundred dollars drawn upon a national bank or trust company established in Pittsfield, Boston or New York and calls for a bond of ten thousand dollars.

Pavement on Fenn Street; the principal items of work are about 4,300 square yards of cement concrete pavement, about 1,400 square yards of brick pavement and other miscellaneous work. The bid must be accompanied by a certified check for five hundred dollars drawn upon a national bank or trust company established in Pittsfield, Boston or New York and calls for a bond of ten thousand dollars.

Pamphlets containing information for bidders, form of proposal, contract specifications and plans will be mailed to contractors who apply to the Engineer of the Board of Public Works, or may be obtained at his office.

Bidders may bid on one or all contracts and the right is reserved to reject any or all bids, or to accept any bid.

CHARLES W. POWER,
Mayor and Chairman Paving Committee.
A. B. FARNHAM,
Engineer Board of Public Works.

Bids: June 4.

Street Improvement

Newburgh, N. Y.

Sealed proposals will be received by the City Manager at his office in the City Hall, Newburgh, N. Y., until 2 p.m. Monday, June 4, 1923, for paving and otherwise improving Renwick Street, between the West Shore R.R. and Liberty Street, and South Street between Water and Grand Streets with either vitrified hillside brick or reinforced concrete pavement.

The approximate quantities of pavement to be laid are as follows:

South Street about 4,050 sq.yds.
Renwick Street about 3,900 sq.yds.

Bids will be received on each street separately and cash or a certified check for $1,500 must accompany the bid on each street.

Plans and specifications are on file in the office of the City Engineer, City Hall, Newburgh, N. Y.

The City reserves the right to reject any or all bids received.

W. J. McKAY,
City Manager.